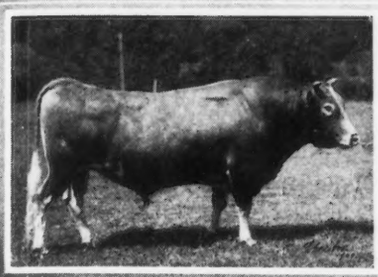
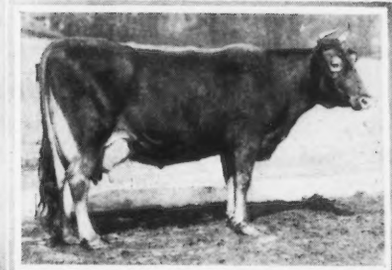
GUERNSEY BREEDERS' JOURNAL





Issued Semi-Monthly by The American Guernsey Cattle Club and Devoted to the Advancement of the Guernsey

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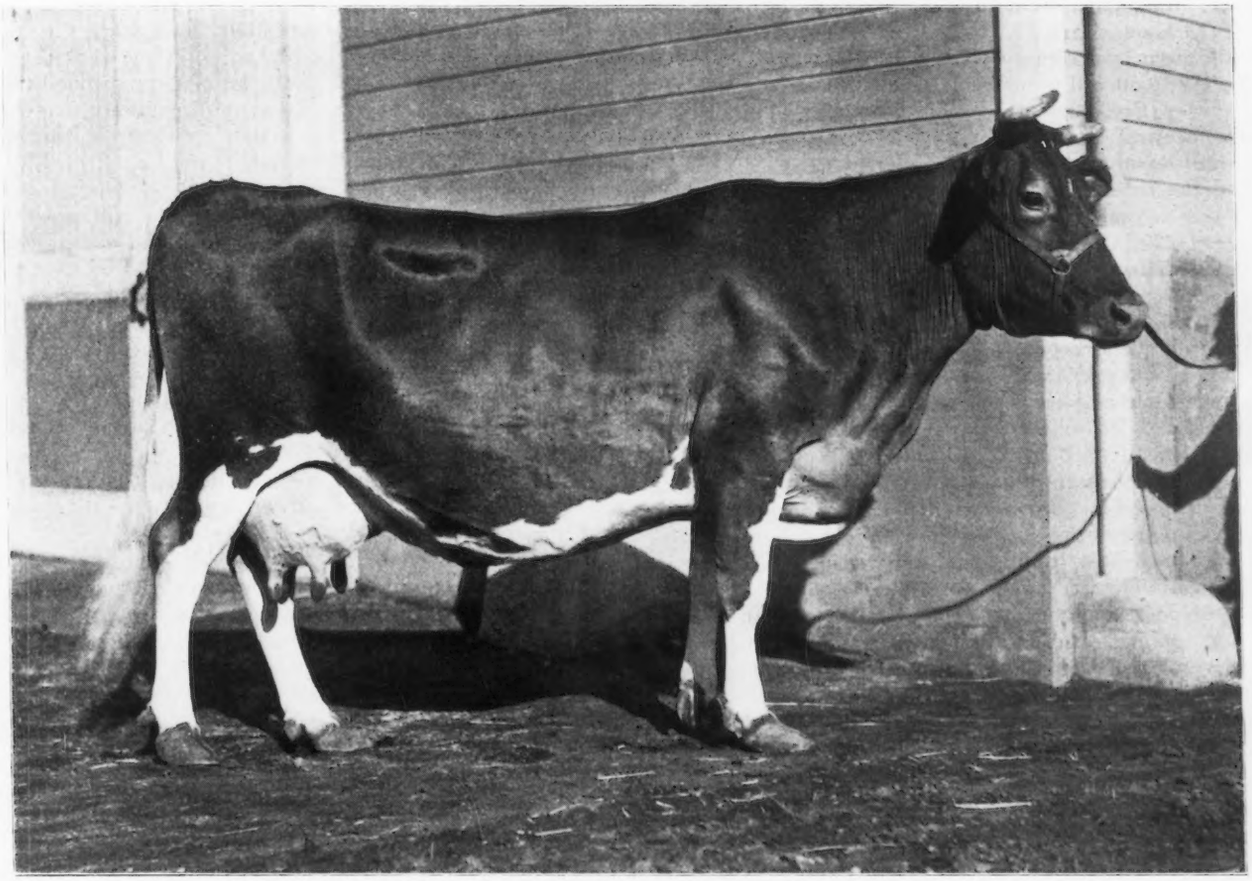


BELLADIA 31909

Records: 13762.9 lbs. milk; 669.86 lbs. fat, class D.
19631.9 lbs. milk; 934.05 lbs. fat, class A.

Sire—Imp. Florham Governor 10213 A. R. Dam—Imp. Bella III. of the Ramee 18890

Owned by Walter H. Dupee, Santee, California

Cover picture: Head of Sammamish Roxie 46991. She was sired by Imp. Sequel of Sarnia 19171 and out of July Maide 30048. Her owner is Dr. Park Weed Willis, Seattle, Washington.

Guernsey Breeders' Journal

The Official Publication of the Breed
Published on the 1st and 15th of Every Month by
The American Guernsey Cattle Club
Subscription, $2.00 a year

Designed to Promote and Advance the Interest of the Guernsey

Guernsey Sales and Meetings

C. A. Dunkelberg's dispersion sale of fifty registered and twenty-five high grade Guernseys will take place at the Bock and Watson Sales Stable, 1001 Wells Street, Fort Wayne, Indiana, on March 7 at 10 a. m. Col. Perry will be the auctioneer.

Florham Guernsey Farm, Madison, New Jersey, will offer one hundred head of home bred and imported Guernseys at public auction, Thursday, May 17. Write Leander F. Herrick, 405 Main Street, Worcester, Massachusetts, for a catalog.

The Chestnut Hill Farms Guernsey herd will be sold at public auction on Saturday, May 19, at Youngstown, Ohio. A number of Advanced Register cows are included in the offering. Mr. Herrick has charge of this sale also.

The Eastern Guernsey Breeders' Association will meet at the Hotel Adelphia, 12th and Chestnut Streets, Philadelphia, Pennsylvania, on March 9. At 10 a. m. there will be a meeting of the executive committee of the Guernsey Milk Association. At 10.30 will occur the annual meeting of the Eastern Guernsey Breeders' Association and this will include a business meeting, election of officers, and an address by Prof. Fred Rasmussen of the Pennsylvania State College, on "The Present and Future of Dairying." At 1.30 there will be the annual luncheon and at 3 o'clock, the annual meeting of the Guernsey Milk Association. All eastern Guernsey breeders are urged to be present.

Photographing Live Stock

The photograph is becoming a greater factor in advertising and selling live stock; the question of good photographs for illustrating cattle and farm journals is one that every publisher has always before him; and the influence which a good photograph has in selling stock is so well understood by some men that the temptation to retouch and make over photos is in many instances carried too far. Just what is a legitimate amount of dressing up that may be done to photographs of livestock for publication and business purposes is a question on which we might not all agree.

An editor does not like to see the attractiveness of a page spoiled by a poor background in a photograph of an excellent cow, and yet if the background is touched out no one knows but that it was done to cover up a poor top line or some other defect in the conformation of the animal.

D. C. Howard, an instructor in dairy husbandry in the Oregon Agricultural College, has been moved by the practice of retouching photographs to send for publication the following article entitled, "Is Faking Stealing."

"These days we hear a great deal said of the art of breeding. The world as a unit is benefitted by the art and skill of the successful and constructive breeder. The product of the truly constructive breeder is sought after. His fellow breeders show their appreciation of his attainment by paying him well for his live stock. To a great extent the purchaser must depend upon the word of the breeder as to the breeding and production of the animal. This is true in all classes of live stock. In dairy cattle we have first, what we can see of the animal, or her type, and second, what the records show, or her production. No doubt we can safely say that these two factors are of equal importance.

"If a breeder in any way manipulates the test of a cow or misrepresents her production, he is regarded as a crook and is dealt with accordingly. This then, if type and production are equal, reaches only one-half the lie. The man who misrepresents the type of a cow, whose progeny he expects to sell, is as much a thief as the man who lies about her production. Yes, more so; for the public has the official records on the cow's production, and he has only the breeder's word on her type.

"I may lie to a buyer or to the public in three ways, about the type of a cow. First, I may tell them verbally or in writing that a cow's type is up to a certain standard. Second, I may substitute the picture of another cow of superior type; and third, I may retouch a picture until it is misleading, and a gross misrepresentation.

"The third of these methods is quite common, and probably the most dangerous. These fake, or counterfeit cows, find their way into our live stock and agricultural papers. They represent a lie that undoubtedly represents the character of the breeder, and should warrant his exclusion from the fellowship of true, constructive breeders. The publicity men and breeders should use their influence and power against such practice, and deal accordingly with an offender.

"To show a cow through the press with an udder artificially padded, or a back line radically modified, is as much an offense as doping a heavey horse, or selling a gold brick.

"We all love beautiful live stock, and prize and admire their pictures. We desire a stylish pose; we want their pictures to show all there is in the animal, to display all that we desire; but we want no fakes, no imaginary sketches or padding. We can overlook a flaw in nature's handiwork, but we cannot tolerate a fraud."

There are a few principles, which if kept in mind and put into practice when making a photograph, will greatly improve the appearance of all publications and advertisements in which they are printed. Some of these principles are:

If possible, pose the animal in an open field with a background of trees in the distance. Do not lead your animal up beside a barn, house, fence or any background which will come into sharp focus with the animal.

Pose cows broadside to the camera and have the camera man stand a little (not much but just a little) nearer the tail of the cow than the head.

Pose a bull in the same manner, but let the camera man stand exactly in front of a spot midway between the shoulders and hips of the bull.

Pose the animal so that the rear leg near the camera is back of, and the fore leg near the camera in front of, the legs on the opposite side of the body. Do not stretch the animal, but let it stand in a natural position.

Comb out and wash out tails, and do not make the exposure until the animal's tail is still and ears are thrown forward, and head turned a very little towards the side next to the camera.

If the lens of the camera is on a level with, or above the animal's back, it will show the depth of body that one sees with the eye. If the camera is lower than this, the photograph will look as if the animal lacked barrel.

Alfalfa for Feeding

Everyone realizes the great value of alfalfa for feeding dairy stock. It is the best balanced of our coarse feeds. No one appreciated this more than the late Guernsey breeder, Edward R. Andrews of Putney, Vermont. He was very successful in growing this legume on the Vermont hills. His last season's crop was very good. Owing to the dispersion of his Guernsey herd, the larger portion of this alfalfa is for sale.

LESSONS FROM OUR BREEDING RECORDS

An Address Delivered by Dr. M. B. Wood of Mankato, Minnesota Before the Minnesota Guernsey Breeders' Association

MR. President and fellow Guernsey breeders of Minnesota: I have the honor to address you for the second time as president of our soicety, and as I expect and desire it to be the last time as such officer, I hope that the matters to which I shall call your attention may furnish you with food for thought during the coming year.

The year which has passed since we met has been the greatest from nearly every point of view in the history of the Guernsey breed. In the past year over 800 head have been brought from the Island, the greatest number brought in this length of time. Our registration of bulls has increased 11.2 per cent.; of females 22.7 per cent. and our transfers 21.7 per cent. In the matter of production we have continued to increase. We can hardly realize our progress without going back a few years and comparing the figures then in force with those of today.

On Nov. 22, 1909, we had in the Advanced Register a total of 982 cows of all ages,—and I will add that in class A there were thirty-five cows whose records did not exceed their requirements by over 10 pounds. In looking over the list, I find that the "tail ender" with 360.02 pounds or two-hundredths more than required, was owned in Minnesota, and it gratified me to know that her progeny are better than their dam. One of her daughters a few months ago finished with a record of 551.95 pounds as a three year old. The average production of the 982 cows mentioned above was 7916.91 pounds of milk and 407.34 pounds of fat, 5.086 being the average fat percentage.

QUEEN MAY OF INGLESIDE 23596 AND HER TWINS

Sire—Imp. Royal Rival 9572 Dam—Hayes Queen May 21052

Owned by Dr. Truman W. Brophy, Chicago, Illinois.

On Dec. 1, 1916, we had 5360 cows of all ages in the Advanced Register with an average of 8877.32 pounds of milk, and 442.80 pounds of fat with an average of 4.987 per cent., a gain in seven years of 960.41 pounds of milk and 35.46 pounds of fat a cow; and the gain for the last year was 62 pounds of milk and something over 3 pounds of fat. The smaller increase shows that we are approaching the limit of production.

In taking these last figures from the JOURNAL for December 15, I find another item which will interest us of Minnesota. The item says, "Largest record for which certificate has been issued since last issue of the JOURNAL,—Butternut Queen 30478, with 665.72 pounds of fat." The record was made on the Elliot-Brant ranch at Owensmouth, California. The cow was bred by John C. Somers of Northfield, Minnesota, and was sired by a bull owned by our own F. W. Kimball of Waltham, Minnesota. She was sold as a heifer for a small price to Wm. M. Jones of Waukesha, Wisconsin, and by him sold to the California party.

Another source of pride to us of Minnesota has arisen in the fact that two of our grade Guernsey cows have made authentic records of over 600 pounds of butter fat each in a year. One of these cows was exhibited as our state fair by our Victor Stiehl, and her record shown. The other was tested, and is owned by our G. G. Hartley of Island Farm, Floodwood, Minnesota. This cow made 16547.4 pounds of milk and 634.624 pounds of fat. She is by a Guernsey bull, and out of a cow that was half Jersey and stood in the stanchion and was fed and milked with the other cows.

The year has witnessed the carrying of the National Dairy Show from Chicago, the place of its birth, to Massachusetts where it received a record attendance and where the highest price yet paid for a Guernsey bull was obtained, and paid by D. D. Tenney, a resident of Minnesota. Immediately following this came the great sale at Langwater Farms, where the highest prices ever paid for a Guernsey cow were received, the highest average ever made at a Guernsey sale, and the highest average—with one exception—ever made at a sale of dairy bred cattle—this exception being one of Mr. Cooper's Jersey sales where a bull was bought for $15,000 and another for $7000.

To me, another important occurrence of the year is the article by Professor Hover of West Virginia on "Finding the Propotent Sire." It was published early in the year in the Journal of Heredity, and later was brought up to date and reprinted in our GUERNSEY BREEDERS' JOURNAL, for November 15. I regard it as the most important addition to our breed literature in recent years. I have read it seven or eight times carefully and see more in it every time I read it. I call attention to it here because I want to mix it in and refer to it later on.

In the GUERNSEY BREEDERS' JOURNAL for November 1, we find the following editorial mention, "We have inserted in this issue a portrait of F. Lothrop Ames, the owner of Langwater Farms, North Easton, Massachusetts, the results of whose work as a constructive breeder are now receiving nation-wide commendation. The unprecedented sale of Guernseys at Langwater Farms on October 10 has called forth much interesting comment in the Agricultural press. The following quotations are representative: 'The constructive work done at Langwater is giving more attrac-

tive form and finish to the breed, and in preserving and increasing production, are matters of open knowledge and the subject of appreciative comment among breeders of all varieties of pedigreed animals. The offer of so large a portion of the herd was likened unto the opening of a treasure box.' —'If ever a man received public encouragement, and found in sale prices substantial approval of constructive breeding, it was Mr. Ames on this occasion. This added to the herd show honors, attested by the cases of ribbons,and the banners that formed, with the evergreens, the tasteful decorations of the auctioneer's box and the sale ring, gave a cheering demonstration of the fact that a *breeder whose genius and enterprise lead him out on new lines for the improvement of a type* will command a verdict of adequate approval' "

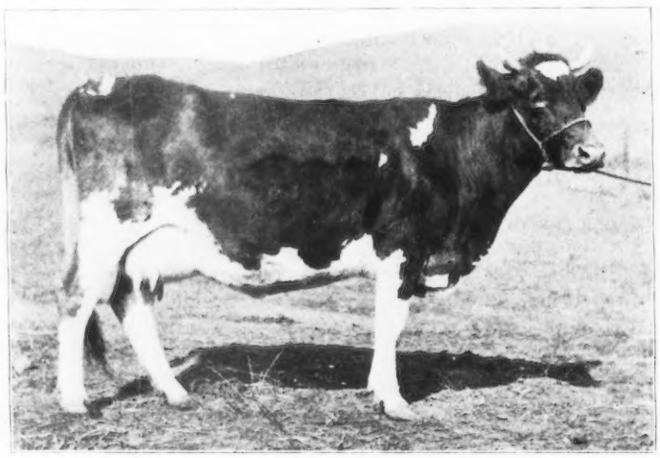
I wish to add my commendation to Mr. Ames for his enterprise and business sagacity, in grasping the opportunity to improve the type, while retaining the productive qualities of the Guernsey, which is and has been open for years. And to Mr. Ames belongs the credit for the results at Langwater, as he has put himself into the work of construction, instead of absorbing to himself credit for the skilfull work of a talented employee, as is so often done by men of wealth

But Mr. Ames' work is *not new.* It is simply a reapplication of principles long known and practiced by men with other breeds. It is not new in *principle* in the Guernsey breed. If you will look on page thirty-seven of the issue of The Herd Register, for April, 1905, you will find an address which I delivered at Mr. Solveson's at Nashotah, Wisconsin, on June 16, 1904, in which I advocated just such lines of work as Mr. Ames has followed, and I will quote only a few lines to give you my position at that time "I have been asked to make this talk before you today, because I am known to be an advocate of such a system of breeding as shall bring out, collect, and develop the families of the breed. I said to some of you at Milwaukee in 1900 that 'no other breed has come to so high a standard of excellence, with such indiscriminate breeding.' I do not claim to present original ideas to you today, but to repeat and try to impress upon you what has been written again and again, though many of you have not seen it. Quotation in an article from Dr. Lindsay's Jersey Cattle in America, 'There must be great qualities to start with and in-breeding in the line of previous development, *then* it is that by close breeding we intensify these great qualities, *accumulate power by which they can be transmitted,* and confirm them as characteristics of the breed.' "

I have given these dates and these quotations to show you that they were previous to Mr. Ames' work in this line, which commenced in 1906, when he purchased Imp. Itchen Daisy 3d 15630, her son, Imp. King of the May 9001 A. R., and four daughters of Imp. May Rose King 8336 A. R. The work of Mr. Ames has been done with these animals, supplemented by some daughters of Imp. Golden Secret 12599, imported and sold to Mr. Ames, and still further by daughters of Imp. Golden Secret 12599 imported by Mr. Ames himself.

Imp. Itchen Daisy 3d 15630 is said to have exerted a greater influence in the Langwater herd than any other animal. She is the dam of the famous bulls, Imp. King of the May 9001 A R., Ne Plus Ultra 15265, also Itchen Daisy's May King of Langwater 17349.

There are two men who have made possible the work of Mr. Ames. Without them this work would either have been impossible or greatly delayed, because it was the skill and constructive breeding of David Michie of England, that produced Imp. Itchen Daisy 3d 15630, Imp. May Rose King 8336, Imp. King of the May 9001 A. R., and the great daughters of Imp. Golden Secret 12599, which are the dams of Langwater Hope 27946 with 1003 pounds of fat, Queen of the Roses 24999 with 852.86 pounds of fat, and May Rose King 2d 13130. It was also the rare judgment of Joseph L. Hope which selected Imp. Itchen Daisy 3d 15630, Imp. May Rose King 8336 and these daughters of Imp. Golden Secret 12599, and, after this, breeding nearly all of the daughters of Imp. May Rose King 8336, and later still bringing Imp. Golden Secret 12599 to this country. These men on the records receive no credit. Why? Because they were *hired* men. The credit which belongs to these men is given to the men who furnished nothing but the dollars.



RANCHO MORNING ROSE 40298
Record for 85 days 2852.9 lbs. milk; 132.26 lbs. fat
Sire—Langwater Athlete 16450 Dam—Imp. Beauty of the Bailloterie 26653
Owned by J. W. Henderson, Berkeley, California

Now let us see how this matter of constructive breeding entered into the Langwater sale, and what effect it had on the prices. To begin with, Langwater Dairymaid 26377 brought $6150. the record; next, Langwater Generous 41958 brought $5000; and Imp. Langwater Pearl 26605 and Langwater Easter Lily 39269 brought $4200 each; and the yearling bull, Langwater Foremost 39191 brought $3000; sixteen daughters of Imp. King of the May 9001 A. R. brought $31 500, or an average of $1968; and forty-one females bred by Mr. Ames brought $58300, or an average of $1421.

I will now switch over for a short tussle with Professor Hover and then we will make the application of his discoveries. I shall quote here and there from the article as published November 15. "Prepotent animals are usually discovered through the performance of their offspring, sometimes long after they have died, or perhaps been slaughtered in the prime of their breeding career. Probably, the discovery of prepotent animals will constitute an essential feature in breeding in the future, but the Advanced Register, if utilized properly, will eliminate in a large measure, much of the chance attendant upon breeding, and impressive sires may be selected with a certainty heretofore impossible. There are no doubt, in the unlisted stock of the country many great producing sires and dams, but the progressive breeder will scarcely take the risk of selecting sires from these, especially when they are not closely related to a tested strain of proven merit.

"The Advanced Register standard is so low that with judicious feeding and care almost any animal can make the Advanced Register requirements. Indeed, at the present time, the average requirement is practically 125 pounds be-

low the average performance of the cows in the Advanced Register.

"It appears from the tables that the number of Advanced Register cows which a certain sire has, may, therefore, more properly be considered an indication of opportunity, prolificacy, or business expediency, than a test of prepotency in production, since a breeder in the habit of testing would place more daughters of his herd in the Advanced Register than one who did not; and a prolific bull in a large herd which is being regularly tested, may have an exceptionally large number of daughters in the Advanced Register, without really being a sire of great producers.

"In selecting a higher standard, we choose to select 600 pounds as a standard because it may safely be assumed that any cow making such a record possesses individual excellence as a producer, for it is exceedingly doubtful whether such a record could be made from an ordinary cow through any artifice of feeding or milking. Using the same scale of increase as is now used, our 600 pounds for a mature cow would mean 490.5 pounds for a heifer the day she was two years old.

"If a certain sire happens to produce a single daughter with a record of 600 pounds we do not have in this alone, adequate proof of his breeding capacity. This may be due to the dam, or perhaps a fortuitous variation (in plain U. S. —a happy nick). If, however, he produces three or more such daughters, the suggestion of individual propotency becomes very strong. There are 1642 sires of Advanced Register cows. Up to September, 1916, there were 313 sires which had produced one or more equivalent of 600 pound daughters, but up to that time only 35 had produced three or more equivalent of 600 pound daughters. Indeed, it may be safely assumed from the above facts that less than one out of every thousand of the registered male animals will have a marked tendency to lift the production of the breed above the 600 pound level."

Now let us go back to the Langwater sale. We find in Professor Hover's list the following:

	A. R.	600 lbs.
King of the May 9001	19	16
Imp. May Rose King 8336	24	12
Golden Noble II. 1836 P. S	26	11
Beda's May King 11893	10	5
Ne Plus Ultra 15265	12	5
Dolly Dimple's May King of Langwater 12997	6	4
Charmantes Rose King 11746	8	4
Jethro Bass 11366	9	6
Golden Secret of Lilyvale 10028	13	4
Lavanton 11611	8	4

If Imp. King of the May 9001 could sire twenty 600 pound equivalents out of twenty-three Advanced Register daughters, perhaps you can guess why his sixteen daughters average $1968 each.

I might take up more time in this matter. I said I wanted to give you something to think about. The thing which you need to think about is breeding, and you need to study it at every opportunity.

The uplift of the breed must come through the bulls. It has long been said that the bull is half the herd, but work by our experiment stations in late years has shown that an inferior bull is more than half of the herd, as he can do more damage, and deteriorate a herd faster than a good bull can build it up.

The rich men have done much to develop the Guernsey as they have other breeds, and at the time of the trouble at Chicago, their influence saved many animals to go on with, whose ultimate value can scarcely be estimated, but the door is open to every man to study and work out this matter of building up families, and utilizing and improving upon the work started by other men. There never was so much good material from which to select as now. We never have had so much knowledge of who's who in production, and Professor Hover has saved us a wonderful lot of time and labor in digging out the facts already referred to, and making these lists for us to keep for reference, and to which we can add, as new ones come along, and they are coming. But you can never be a breeder unless you study breeding, and you can never be a Guernsey breeder unless you take the GUERNSEY BREEDERS' JOURNAL and read it faithfully and often. It is the only authentic source of information for you to follow, and, if you will do these things, you have just as good a chance to build up a high class herd as the rich man. You can not build as fast because you cannot spend the money for the number of high class animals for a foundation, but if you have one or two that are right, care, study and time will enable you to reach the goal of a high producing herd of perfect type. But you must make up your mind to hew to the line and everything you breed that is not better than what was before must go. Don't apologize to yourself for the short comings of your animals. Weed out those not up to your standard and while you are building up this herd, never put a price on your best animals. Keep repeating the words of J. H. Walker—I cannot tell you anything better to remember: "No man can estimate the difference between the best and the next best," and my parting word to you is to keep your best to build with.

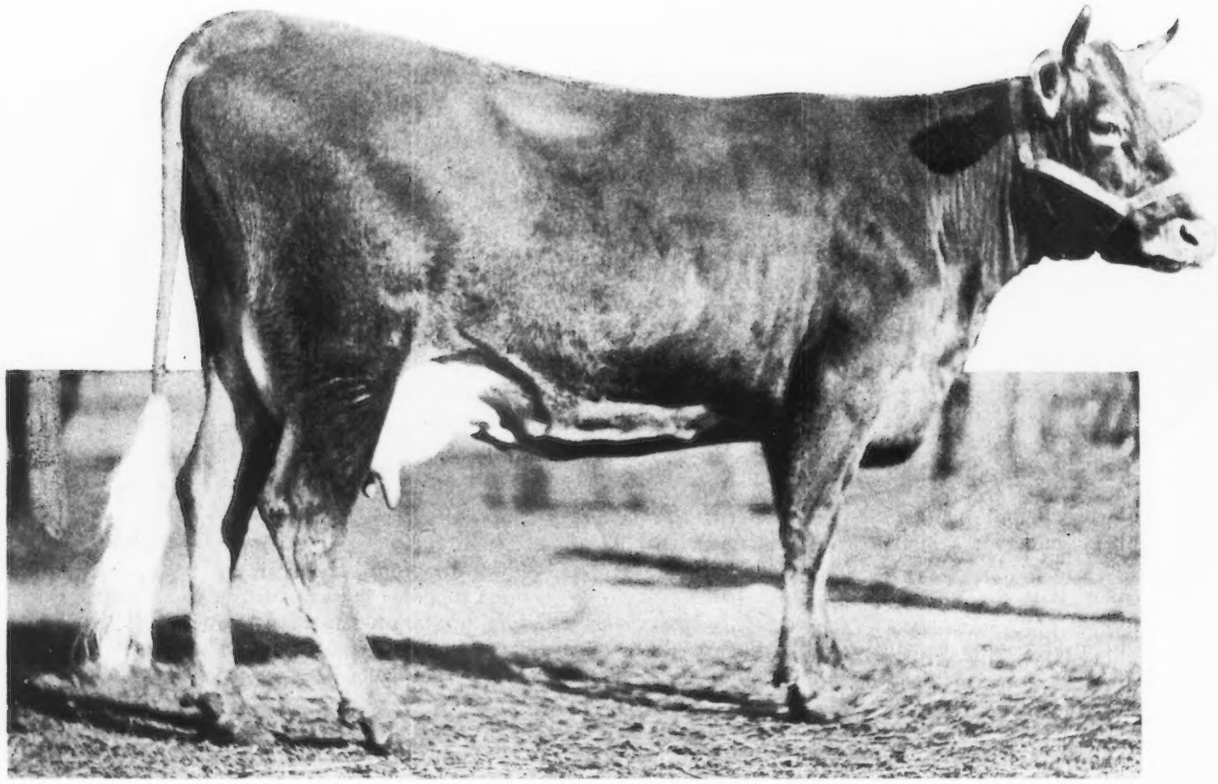
PEARL ROSE OF THE GLEN 47414 ENTERS LIST OF CLASS LEADERS

THIS month's change in the list of Class Leaders increases the average production of the junior two year old class by 5.4 pounds of butter fat.

The new leader is Pearl Rose of the Glen 47414 which takes third place in class G, until now held by Nugget's Primrose 48835 with a production of 705.56 pounds of fat.

Pearl Rose of the Glen 47414 produced in one year 12378.8 pounds of milk and 711.43 pounds of fat and made 64.13 pounds of butter fat in her last month, which was the thirteenth of her lactation period. She also produced more milk in the last month than in any other except one. She shows a persistency of production quite remarkable. Her owner writes that she is now giving twenty-eight pounds of milk daily on a meagre grain ration, and milked but twice a day.

Pearl Rose of the Glen 47414 is a heifer of splendid type, with straight back, great depth of body and a good mammary system. She is in excellent condition after milking fourteen months, having gained 200 pounds in weight during that time. She weighs 950 pounds now, a good weight for a three year old. She milked over her weight during every month of her lactation period and has not been crowded or



PEARL ROSE OF THE GLEN 47414
Class G. Record: 12378.8 lbs. milk; 711.43 lbs. fat
Sire—Missy's May Rose King of the Glen 19660 Dam—Pearl Maiden of the Glen 23622 A. R. 1211
Owned by Beaver Ridge Farm, Bedford Hills, N. Y.

pushed to her limit to produce the record she has just made. She will no doubt be heard from again with a substantial increase.

A study of the pedigree of Pearl Rose of the Glen 47414 shows again that her ability to produce a large record is not the result of unusual conditions, for it is backed up by some of the best lines of Guernsey breeding.

Her sire is Missy's May Rose King of the Glen 19660, a son of Beau Regal 13448, and Missy of the Glen 18390.

Beau Regal 13448 is an Advanced Register bull with three Advanced Register daughters among them Red Wing of the Glen 33783 with a record of 10757.7 pounds of milk and 607.03 pounds of butter fat in class C. He also has two sons and one daughter with one daughter each in the Advanced Register.

Beau Regal 13448 is out of an Advanced Register cow and by the great May Rose bull, Imp. May Rose King 8336, which is out of May Rose 2d 3251 P. S., the foundation cow of the May Rose family. Imp. May Rose King 8336 has twenty-one Advanced Register daughters and thirteen Advanced Register sons.

The dam of Pearl Rose of the Glen 47414 is Pearl Maiden of the Glen 23622 with two excellent Advanced Register records. One of them she made as a two year old when she produced 13032.5 pounds of milk and 621.47 pounds of fat and the other in class D of 14591.1 pounds of milk and 695.73 pounds of butter fat.

The sire of Pearl Maiden of the Glen 23622 is Jewel's Independence 10324, an Advanced Register bull with ten tested daughters having very good records. He also has a son with one daughter producing 16629.8 pounds of milk and 774.4 pounds of fat in class C.

The granddam on the dam's side of the new Class Leader is Poppy of the Glen 18388, an Advanced Register daughter of Fernwood of Homestead 7448 which sired also Fernleaf of the Glen 21661 with a record of 15119.4 pounds of milk and 607.16 pounds of fat in class A. He has eight Advanced Register daughters.

The breeding, owner's statement of feed, and production by months of Pearl Rose of the Glen 47414 is given in the following tables:

Pearl Rose of the Glen 47414

Sire—Missy's May Rose King of the Glen 19660.
Sire—Beau Regal 13448 A. R.
Dam—Missy of the Glen 18390
Dam—Pearl Maiden of the Glen 23622 A. R. 1211.
Sire—Jewel's Independence 10324 A. R.
Dam—Poppy of the Glen 18388 A. R. 545.
Breeder—H. A. C. Taylor, Newport, R. I.
Owner—Henry W. Howe, Bedford Hills, N. Y.
Born—Oct. 13, 1913. Calved—Nov. 15, 1915. Served—Sept. 26, 1916.
Supervised by Cornell Agricultural Experiment Station, Ithaca, New York.

Year's Record		Lbs. Milk	Per Cent. Fat	Lbs. Butter Fat
Jan.	1916	1055.4	5.40	56.99
Feb.	"	1004.4	6.05	60.77
Mar.	"	969.3	6.07	58.84
Apr.	"	968.9	5.76	55.81
May	"	1039.0	5.35	55.59
June	"	1032.2	5.38	55.53
July	"	1026.8	5.43	55.76
Aug.	"	1034.6	5.50	56.90
Sept.	"	1069.4	5.42	57.96
Oct.	"	1046.5	6.90	72.21
Nov.	"	1063.5	5.73	60.94
Dec.	"	1068.8	6.00	64.13
Total		12378.8	5.75	711.43

MORE MEETINGS OF THIS NATURE ARE PLANNED FOR THE COMING SUMMER BY THE WESTERN GUERNSEY BREEDERS' ASSOCIATION

THE WESTERN GUERNSEY BREEDERS' ASSOCIATION MEETING

Spirit of Progress Rampant Among Breeders Present

Special Report by W. A. FREEHOFF

IN a masterly address, President H. W. Griswold, of West Salem, Wisconsin, struck the keynote for the annual meeting of The Western Guernsey Breeders' Association which was held February 9 at Madison, Wisconsin.

There is a stir in the dairy world, with the breeders of all breeds alert and on their toes. This restless spirit of progress was rampant among the Guernsey men present, and President Griswold's enunciation was received with applause.

When we consider that the Western Guernsey Breeders' Association has about seventy life members and 160 annual members, every one of whom is a well established breeder of pure breds, it is a body that must be reckoned with in the development of Guernseys in the West.

"The recent history of the Guernsey," declared Mr. Griswold, "is one of high production records, and of high prices for individual males and females But neither the limit of production nor of prices has been reached "

Mr. Griswold then pointed out several distinct ways in which the association could act that would result in furthering breed interests in its territory Of greatest importance, he considered advertising and publicity, and he specifically recommended the eployment of a Guernsey field man for the middle west.

W. W. Marsh, of Waterloo, Iowa, attended the meeting for the special purpose of urging action along promotion lines He was invited to address the association and he told of how Judge W. B. Quarton, of Algoma, Iowa, had brought the matter to his attention Mr. Marsh illustrated his talk with examples from Iowa and Missouri showing the urgent need of a field man.

Messrs. Griswold's and Marsh's recommendations precipitated a lively discussion of the whole matter. It was finally decided to appoint a committee, after most of the members present promised financial support, to take the necessary steps to find a suitable field man and raise the funds required. President Griswold appointed the following on that committee: C. T. Bundy, Eau Claire, Wisconsin, W. W. Marsh, Waterloo, Iowa C. L. Hill, Rosendale, Wisconsin Geo. McKerrow, Pewaukee Wisconsin, J. R. Bent, Oglesby, Illinois.

Organize County Associations

Another of the points brought out by President Griswold was the need of more and better organized county Guernsey breeders' associations. He felt it was the duty of the Western Guernsey Breeders' Association to do this, and to arrange for better speakers to address these county and local bodies at their summer meetings. A good way would be to have a series of meetings on different days of the same week, permitting the speaker to address all at but slight cost to each.

Relations of Buyer and Seller

That the terms of the contract between buyer and seller should be better understood and defined was another of Mr. Griswold's contentions.

"If I sell a man a yearling, unbred heifer, or a young female calf, and she fails to breed," he asked, "should I suffer the loss, or the buyer? I am less interested in having this decided one way or the other than in having it decided definitely, for we require uniform action."

The speaker also touched upon the need of defining better the liability of buyer and seller as far as contagious abortion and tuberculosis was concerned. Breeders should select some standard of procedure so that buyer and seller both could know their exact rights.

This started a very keen discussion of the whole problem of abortion and tuberculosis. It was generally felt that tuberculosis was the lesser of the two evils, as the tuberculin test, if rigidly applied, would keep herds free. As yet, contagious abortion has baffled the scientists of the world, and the majority of the breeders felt that nothing could be done at present. Mr. Griswold pleaded for the enactment of a law that provided for the compulsory yearly testing of pure bred dairy cattle.

Beauty vs. Utility

By special invitation, Mr. Marsh delivered a talk on the relation of beauty and utility in the Guernsey. He very

strongly urged greater attention to type. "It is very easy to breed producers among the Guernseys," he declared. "To make big money we must breed for type." He suggested that some of the Advanced Register work now being done is worse than useless, that we should consider conditions under which all tests are made. He urged the adoption, in this country, of the English system of testing, which requires the cow to be safely in calf five months after the test is begun. He did not advocate doing away with the present system.

Bent Talks on Herd Improvement

A very able and practical discussion of the value of culling and selection, along lines of proved breeding merit rather than the mere discarding of poor individual producers, was led by J. R. Bent, of Oglesby Falls, Illinois. A copy of his address will be printed in a succeeding issue of the Guernsey Breeders' Journal, as short extracts would not do justice to the theme. Mr. Bent's talk was more than favorably received, as it was of unusual merit.

Work of the Cattle Club

At various times during the session the work of The American Guernsey Cattle Club, through its office at Peterborough, New Hampshire was mentioned. Mr. F. B. Hills, of the Cattle Club staff, who is in charge of its special advertising propaganda, was present, and was invited to speak about the work of the Club.

Mr. Hills declared that Secretary Caldwell and the other officers were keenly aware of the problems confronting the Guernsey breed, and that they were today carrying on their various lines of work more energetically than ever. He assured all that the Cattle Club was ever ready to cooperate with breeders and breed associations by all the means at its command. Mr. Hills emphasized the magnitude of the territory to be covered, declaring it really required about one man to each state if the promotion and extension work were to be thoroughly done.

Business Meeting

Following were the officers elected for the coming year:

President, J. R. Bent, Ogelsby, Illinois; 1st Vice-president, Gavin McKerrow, Pewaukee, Wisconsin; 2nd Vice-president, F. K. Babson, Chicago, Illinois; 3d Vice-president, W. B. Quarton, Algoma, Iowa; secretary-treasurer, C. L. Hill, Rosendale, Wisconsin; Executive committee, Lloyd Rundell, Roberts, Wisconsin; L. A. Wright, Columbus, Wisconsin.

Resolutions of sympathy to be engrossed upon the books of the Association and copies sent to the families of two live life members who died during the year, were passed. The members were C. D. Ettinger, Chicago, and Christ. Muth, Manitowoc.

The treasurer's report showed the following condition of the treasury:

Balance on hand Feb. 7, 1916	$439.12
Annual dues	85.00
Life memberships	70.00
Interest	16.15
Total	$610.27
Miscellaneous expenditures	$113.30
Balance	$496.97

THE 1917 NATIONAL DAIRY SHOW WILL BE HELD AT COLUMBUS, OHIO, OCTOBER 18 TO 27

THE National Dairy Show of 1917 will be held in Ohio, at Columbus, October 18 to 27 inclusive, and will be larger and more intensely valuable and interesting than ever before. It will be held on the state fair grounds of Ohio, within the city limits of Columbus.

The Ohio legislature has just appropriated $200,000 for immediate construction of a most usefully appointed coliseum that the knowledge of man can conceive. This coliseum will be opened and dedicated to its work for agriculture by the National Dairy Show.

The central location of Columbus to the largest dairy section of the United States insures a greater exhibit of dairy cows than has ever been assembled, and the accessibility of Columbus for the dairy industry as a whole will bring out the largest industrial exhibit any dairy show has ever housed.

There will be a display of motor trucks and tractors greater than ever assembled at any show, and a great pleasure motor car exhibit, and for the reason that the people who furnish the greatest market of to-day for trucks, tractors and pleasure cars of the dairy world.

There will be, in addition, a magnificent utility horse show, as well as an evening horse show, as Columbus is in the center of things for the work and pleasure horse.

Columbus has an equipment of buildings, grounds and hotels to make of this show one of the most remarkable show yard events of America, and it is so easy of access by the people of the wonderful agricultural territory represented by Ohio, Michigan, Kentucky, Indiana and Pennsylvania, and is the gateway between the Southwest and the East, making a trip to the show possible with less resistance than to any other place in America from the West, Northwest, South and Southwest, and there will be a half million people flock to this great show as the "agricultural mecca" of the year.

Dairy cattle men, whether showing on any of the fair circuits of the year or not, cannot afford to overlook bringing out their cattle to this show. It will afford a lifetime opportunity for comparison of cattle and making the acquaintance of men from all over America.

It offers a rare chance for dairymen to advance the cause of dairying in the great Agricultural territory of central United States. This alone should call for lovers of the dairy cow and dealers in dairy supplies to rally as never before.

The horse men will meet more real farmers searching for their needs at this show than at any other fair or show of the year, and the motor and tractor people will meet and talk to more prospective buyers than will attend all other fairs and shows combined. The basis for these assured statements is that this is the one great fair and show of the year that is devoted exclusively and entirely to dairy educational purposes. The exhibitors do not have to compete with large city attractions and the useless distractions of the average fair. Nothing but the real purpose of presenting to the people of the country those things that are essential to their well-being is considered in making up this great show; hence the people come.

Remember the date—October 18 to 27—Columbus, Ohio and plan your year's work accordingly.

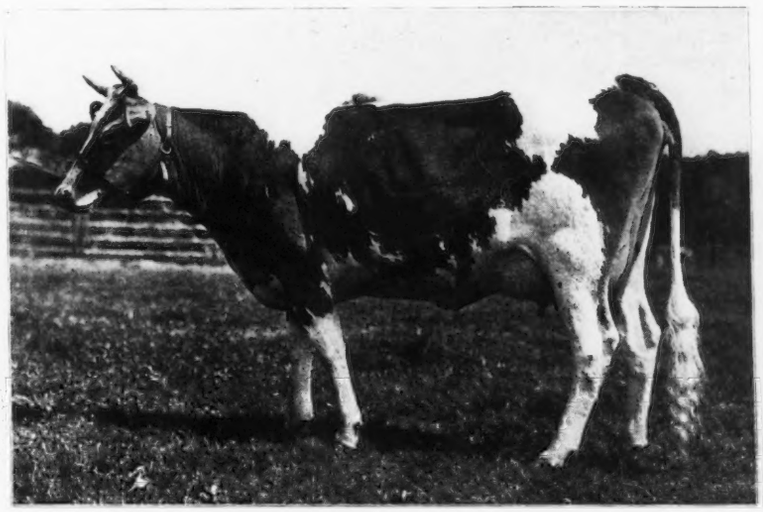
FEEDING THE DAIRY COW

Talk by A. J. Glover, Associate Editor of Hoard's Dairyman at the Minnesota Dairymen's Association Convention

IT is my purpose to mention briefly some factors in animal nutrition which are not commonly considered when the subject of feeding is discussed. It is my purpose to bring to your attention some factors which by many are considered unimportant but, after all, are vital to the rearing of strong and vigorous animals and to provide them with proper material for doing profitable work.

In 1907 the Wisconsin Experiment Station purchased sixteen grade Shorthorn heifers and divided them into four groups for determining the effects of feeding a balanced ration made of a single plant. Group one was fed a ration made of the wheat plant, using wheat gluten to provide the correct amount of protein; group two was fed a ration made of the corn plant; group three was fed a ration made of the oat plant; and group four was fed a mixed ration composed of wheat, corn, and oats.

The growth made by all these groups was similar but the group receiving corn showed the greatest vigor and health while those receiving wheat showed the lowest vitality and strength and were rough of coat and somewhat gaunt. The condition of the oat and mixed feed group was not equal to the corn group or in as poor thrift as the wheat group. If all had been males, little difference in the rations would have been noted, but the demands of motherhood plainly showed there was something particularly lacking in both wheat and oats for nourishing dairy cows properly.



NOREEN OF PENCOYD 51036

Class G. Record for 259 days 7066.5 lbs. of milk; 362.88 lbs. of fat.
Sire—Langwater Pencoyd 21830 Dam—Nora of Pencoyd 28923, A. R. 3494
Owned by T. W. & I. W. Roberts, Bala, Pennsylvania.

The corn group carried its calves full time, but the wheat group gave birth from two to five weeks before calculated dates for calving. The calves of the corn group averaged 78 pounds at birth; the calves of the wheat group, 49 pounds; the calves of the oat group, 74 pounds, and the calves of the mixed feed group 62 pounds. The difference in vigor of each group was very pronounced. None of the calves born to the wheat group lived more than a few hours and some were born dead. The calves of the corn group all lived. I take from the twenty-eighth annual report of the Wisconsin Experiment Station the following:

Record of Calves Born in 1909

Corn: No. 556 calf strong and vigorous; stood up within one hour after birth. Lived. No. 558 calf strong and vigorous. Lived. No. 556 calf strong and vigorous. Lived No. 572 calf strong and vigorous. Lived.

Wheat: No. 561 calf very weak, could not stand and suckle mother. Stood alone for first time after four days. Died in convulsions on twelfth day. No. 565 calf weak. Lived two hours. No. 570 calf weak. Lived twelve hours. No. 571 calf born dead.

Oats: No. 557 calf weak, did not get up for thirty-six hours. Lived. No. 567 calf born dead. No. 568 calf very very weak, was nursed from bottle; died on third day. No. 569 calf weak; could not get up alone for seventy-two hours; nursed. Lived.

Mixture: No. 554 Abortion due to accident in yard. No. 555 calf fairly strong; got up after two hours from birth, but could not walk; was nursed from bottle the first day. Lived. No. 562 calf weak; could not get up. Lived six hours No. 563 calf born dead.

Record of Calves Born in 1910

Corn: No. 556 calf strong and vigorous. Lived. No. 558 calf strong and vigorous. Lived. No. 566 calf strong and vigorous. Lived. No. 572 calf strong and vigorous. Lived.

Wheat: No. 561 mother died of anthrax, October 28th, 1909. No 565 mother found dead in stall, January 3, 1910; halter strangulation probable cause. No. 570 calf very weak; could not get up. Lived nine hours. No. 571 calf very weak; could not get up. Lived twenty-two hours.

Oats: No. 557 calf fairly strong; nursed from bottle the first day. Lived. No. 567 calf fairly strong; did not get up for twelve hours; nursed from bottle. Lived. No. 568 calf fairly strong; nursed from bottle for forty-eight hours. Lived. No. 569 calf not strong enough to get up for twenty-four hours; nursed from bottle. Lived.

Mixture: No. 554 calf born dead. No. 555 not with calf. No. 562 calf very weak; with help stood up after forty-eight hours; suckled mother. Lived. No. 563 calf fairly strong; stood up and suckled mother after a few hours. Lived.

The effect of the rations upon milk production was very marked. For thirty days after calving in 1909, the corn group produced an average yield of 24 pounds of milk; the wheat group 8 pounds, the oat group 19.4 pounds; and the mixture group 19.8 pounds. In 1910 the corn group averaged 28 pounds daily; the wheat group 16 pounds; the oat group 30 pounds; and the mixture group 21 pounds. In 1910 the oat-fed cows produced a little more milk than any other group.

After three years' work, eleven of the sixteen head remained but not one of the corn-fed lot had died from disease or at calf birth. But a loss was sustained in each one of the other groups through disease or infection at birth of calves. In commenting upon this, the report makes the following statement: "It was certainly apparent that the corn-fed mothers, in their higher states of vigor and nutrition, were able to carry out the processes of calf birth with greater normality than the other groups and seemed endowed with greater powers of resistance."

The remaining cows had their ration shifted and it would be interesting to note the results of each group, but time forbids. It may be said that the animals changed to wheat suffered from stiffness and swollen joints. They were unable to rise when lying down and the only way they could be carried through the year was by feeding them corn part of the time.

In this is a striking lesson as to the effects of feeds upon the health, development, reproduction, and production of dairy cattle. It brings us face to face with the hard facts that we have but little definite knowledge upon the subject of feeding live stock. In a crude way we know the effects of certain feeds and how to combine them for best results, but there is splendid opportunity for the experimenter to give more definite knowledge upon this question of animal nutrition.

Protein is of several different kinds and all protein does not contain the same properties. Some grain may contain a high percentage of one kind of protein and others a high percentage of another. For instance, the principal protein of corn is zein; of wheat, gliadin. Protein is made up of amino acids and the proteins of wheat lack in at least two of these. This fact accounts, in part, at least, for the results in feeding wheat to the cows mentioned. Milk contains proteins that give all the necessary amino acids in sufficient quantities as required for all growth, and therein lies part of its efficiency as a food.

The practical feeder knows the value of a variety of feeds to develop his animals properly, but we have but little definite knowledge on the combining of feeds for the highest efficiency. For example, when pigs are fed three parts of skim milk, by weight, to one part of corn, the greatest growth follows. When oil meal is fed alone about sixteen per cent. of its protein is retained by the pig; when corn is fed alone twenty-four per cent. is retained and when skim milk is fed alone sixty-three per cent. of the protein becomes pig protein. Here we can see the reason why skim milk is so valuable for growing farm animals. A rough measure of 100 pounds of skim milk is equal to a half bushel of corn. McCullom says: "If the corn proteins are ninety per cent. and oil meal proteins ten per cent. of the hog's ration, thirty-one per cent. is retained by him; f the corn proteins are seventy-five per cent. and oil meal proteins twenty-five per cent. then thirty-seven per cent. is retained; and if corn proteins are sixty per cent. and oil meal proteins are forty per cent. then thirty-two per cent of the proteins is retained for making pig proteins." Here we have a little definite information on the combining powers of feeds.

We know from practical feeding that alfalfa and corn combine most admirably. The past year or two the heifers on Hoard's Dairyman farm have been fed corn very liberally when on pasture and the results so far have been very gratifying. The heifers are carrying their calves better and they seem to be stronger.

It is important to know how to feed dairy cows. Much has been written and spoken pertaining to balanced rations. At times we feel that the word "balanced" throws a mystery around the feeding of dairy cows and makes too many think they are unable to understand the subject of feeding. There is nothing mysterious about a balanced ration. It simply means feeding a combination of feeds containing sufficient nutrients to supply the animal's bodily wants and to do its work for twenty-four hours. It is possible, of course, to make a so called balanced ration and yet have it unsuitable for nour shing the animal properly. Certain combinations of feeds work together more harmoniously than others.

Providing balanced rations for dairy cows is a rather modern method of feeding. There was no such thing or at least it was not talked about, in the early days of dairying. Cows gave milk through the summer and went dry in the winter. Grass furnished a balanced ration and provided all the nutrients the cow needed for keeping her body in good repair and provided for production of milk. In winter it was only necessary to feed enough to keep her in reasonably good physical condition. This however, was not always done, but in most cases she managed to live through the winter and when grass came she would soon be restored to normal condition. There are those who can well remember the "tailing up" of cows in the spring, cows that were fed nothing but straw in the winter.

It dawned upon the advanced thinker that it would be well to provide a ration throughout the year that would keep an animal in good physical condition and provide her with enough nutrients for doing work, whether it be in winter or in summer. Winter dairying came and this made it all the more important that a ration be provided that would produce as good results, if not better, than grass.

For all general feeding, two-thirds of the cow's ration should be of roughage that is, hay, silage, roots, or all three, and one-third concentrates which include meals and by-products of various kinds. Experience has taught that a cow weighing 1,000 pounds will consume about thirty pounds of silage or fifty pounds of roots and ten pounds of hay daily. The amount of grain or concentrates should be varied according to her milk production. Some cows will use but six to eight pounds of grain economically, while some of the larger milkers will use from twelve to twenty pounds. It is self, evident that if a cow has a capacity to handle six to eight pounds of grain, feeding her more will be wasteful.

The person who desires to be accurate in the preparation of rations for his cows must provide himself with a table, giving the analyses of the common feed-stuffs and the amount of feed necessary to produce a certain amount of milk.

Bulletin No. 130 prepared by Prof. T. L. Haecker, should be in the hands of every dairyman as it will give him the information he desires for balancing rations. A copy may be obtained for the asking. Write the Minnesota Experiment Station, University Farm, St. Paul, Minn., for bulletin No. 130 entitled Feeding Dairy Cows.

The good feeder will not only balance the rations but will study the effects of each feed and will consider the relative cost of feeds. Without going into details I will discuss a few rations.

A very good ration can be made by feeding each cow daily thirty pounds of silage. Some cows will consume more, others less. In connection with the silage let the animal have all the alfalfa hay she will consume. It will be in the neighborhood of eight to ten pounds. The alfalfa and silage form what is termed the roughage of the ration. There are times when the prices of grains are so high that the feeder can omit the grain. This will mean feeding more silage and alfalfa hay. A mixture of grain that will go well with alfalfa hay and corn silage is as follows: Ground corn or barley, 400 pounds; bran, 200 pounds; ground oats, 200 pounds. There are many mill feeds and by-products which may be used with alfalfa and silage. Cows producing milk testing four per cent. require about one pound of this mixture for every three and one-half to four pounds of milk produced.

(Continued on page 134)

ANOTHER 900 POUND COW

(See Picture on Title Page)

BELLADIA 31909, owned by Walter H. Dupee, Edgemoor Farm, Santee, California, has completed a record of 19631.9 pounds of milk and 934.05 pounds of butter fat in one year. This performance entitles her to seventh place in the aged cow group of the Class Leaders in the production of butter fat, and fifth place in the production of milk. She takes first place in the state of California, exceeding the previous high record by 180 pounds of fat. She is also the highest producer west of the Mississippi.

The production of milk and butter fat by this cow, month by month, is very uniform. Only three times did she exceed the requirements for a retest. She received, however, four retests, three by California testers and one by Professor W. M. Regan of the Nevada Agricultural Experiment Station. In all of them she gave satisfactory results.

She had four different milkers during her test, among them Arthur Klussendorf, and Guy Harmon, who made a number of large records at Langwater Farms, in Massachusetts.

The sire of Belladia 31909 is Imp. Florham Governor 10213 an Advanced Register son of Governor of the Chene 1297 P. S., which has sixty-two Advanced Register daughters. The dam of Imp. Florham Governor is Imp. Eva of the Spurs 18884, which has a record of 481 pounds of fat.

The dam of Belladia is Imp. Bella III. of the Ramee 18899 sired by Fountain Head 1309 P. S., and out of Bella of the Ramee 2390 F. S.

Bella of the Ramee 2390 F. S. is out of Imp. Island Champion 6263 with eight Advanced Register daughters and five Advanced Register sons.

A large number of the animals in the pedigree of Belladia 31909 are on the Island of Guernsey and have not been tested.

Belladia 31909 was bred by Robert P. Staats of Massachusetts and sold to J. L. Hope of Florham Farms, New Jersey. Mr. Dupee bought her from Florham Farms in 1914.

There she made a record as a three and a half year old of 13762.9 pounds of milk and 669.86 pounds of butter fat.

Her production by months, breeding, and owner's statement of feed are given in the following tables:

Belladia 31909 **Reentry 2801**

Supervised by California Agricultural Experiment Station.

Year's Record:		Milk.			Butter Fat	
Dec.	1915	304.3	lbs.	4.01%	12.20	lbs.
Jan.	1916	1829.9	"	4.01%	73.38	"
Feb.	"	1848.8	"	4.01%	74.14	"
Mar.	"	1914.4	"	4.22%	80.79	"
Apr.	"	1843.2	"	4.74%	87.37	"
May	"	1880.1	"	4.61%	86.67	"
June	"	1738.7	"	4.54%	78.94	"
July	"	1701.3	"	5.07%	86.26	"
Aug.	"	1527.3	"	4.99%	76.21	"
Sept.	"	1406.0	"	5.18%	72.83	"
Oct.	"	1366.4	"	5.59%	76.38	"
Nov.	"	1256.5	"	5.62%	70.62	"
Dec.	"	1015.0	"	5.74%	58.26	"
Total		19631.9	lbs.	4.77 Av. %	934.05	lbs.

Sire—Imp. Florham Governor 10213 A. R.

Sire—On Guernsey, Governor of the Chene 1297 P. S., A. R.

Dam—Imp. Eva of the Spurs 18884 A. R. 717

Dam—Imp. Bella III. of the Ramee 18899.

Sire—On Guernsey, Fountain Head 1309 P. S.

Dam—On Guernsey, Bella of the Ramee 2390 F. S.

Breeder—Robert P. Staats, Great Barrington, Mass.

Owner—Walter H. Dupee, Santee, California.

Born—Aug. 9, 1909. Calved Dec. 18, 1915. Served—Dec. 13, 1916.

OWNER'S STATEMENT OF FEED:

Dec., 1915. 19 lbs. grain daily of 6 lbs. bran, 2l bs. each corn meal and cottonseed meal, 5 lbs. ground oats, 3 lbs. soy bean meal, and 1 lb. molasses; 3 lbs. beet pulp, 30 lbs ensilage, 5 lbs. oat hay, 10 lbs. alfalfa.

Jan., 1916. Same ration as December

Feb., 1916. 19.5 lbs. grain daily of 6 lbs. bran, 2 lbs. each corn meal and cottonseed meal, 5 lbs. ground oats, 3 lbs. soy bean meal, and 1.5 lbs. molasses; 4 lbs. beet pulp, 30 lbs. ensilage, 6 lbs. oat hay, 12 lbs. alfalfa.

Mar., 1916. 21.5 lbs. grain daily of 7 lbs. each bran and ground oats, 2 lbs. each corn meal and soy bean meal, 1 lb. each cottonseed meal and oil meal, and 1.5 lbs. molasses; 30 lbs. ensilage, 5 lbs. oat hay, 11 lbs. alfalfa, 6 lbs. hay.

Apr., 1916. Same grain ration as March; 30 lbs. ensilage, 6 lbs. green alfalfa, 5 lbs. oat hay, 11 lbs. alfalfa.

May, 1916. 20 lbs. grain daily of 7 lbs. bran, 2 lbs. each corn meal, cottonseed meal, and soy bean meal, 6 lbs. ground oats and 1 lb. oil meal; 4 lbs. beet pulp, 35 lbs. ensilage, 10 lbs. green alfalfa, 8 lbs. oat hay, 12 lbs. alfalfa.

June, 1916. Same ration as given in May.

July, 1916. 20 lbs. grain daily of 7 lbs. bran, 1 lb. each corn meal, Unicorn Dairy Ration, and oil meal, 6 lbs. ground oats, 2 lbs. each Ajax Flakes and cottonseed meal; 25 lbs. green beets, 30 lbs. ensilage, 8 lbs. oat hay, 12 lbs. alfalfa.

Aug., 1916. 20 lbs. grain daily of the following mixture: 300 lbs. bran, 100 lbs. corn, meal, 250 lbs. oats, 125 lbs. Ajax Flakes, 75 lbs. cottonseed meal, 50 lbs. oil meal; 15 lbs. green beats, 25 lbs. ensilage, 8 lbs. oat hay, 12 lbs. alfalfa.

Sept., 1916. 16 lbs. grain daily of the following mixture with .5 lb. molasses added: 300 lbs. bran, 400 lbs. oats, 125 lbs. Ajax Flakes, 100 lbs. each Unicorn Dairy Ration, cottonseed meal, and oil meal; 30 lbs. beets, ensilage, green and dry alfalfa, oat hay.

Oct., 1916. 16 lbs. grain daily of the following mixture: 300 lbs. bran, 200 lbs. each ground oats, ground barley, and Unicorn Dairy Ration, 125 lbs. Ajax Flakes, 100 lbs. each cottonseed meal and oil meal; 25 lbs. green beets, 7 lbs. ensilage, alfalfa and oat hay.

Nov., 1916. 14 lbs. grain daily of the following mixture: 300 lbs. bran, 100 lbs. each corn meal, cottonseed meal, oil meal, and soy bean meal, 200 lbs. each oats, ground barley, and Unicorn Dairy Ration, 125 lbs. Ajax Flakes; 30 lbs. green beets, 8 lbs. ensilage, alfalfa and oat hay.

Dec., 1916. 14 lbs. grain daily of the following mixture: 300 lbs. each bran and oats, 100 lbs. each corn meal, ground barley, and soy bean meal, 250 lbs. Ajax Flakes, 200 lbs. each cottonseed meal and oil meal; 55 lbs. green beets, 15 lbs. ensilage, alfalfa and oat hay.

Previous record begun as a three and one-half year old: 13762.95 lbs. milk, 669.86 lbs. butter fat. Published in Vol. XXIX.

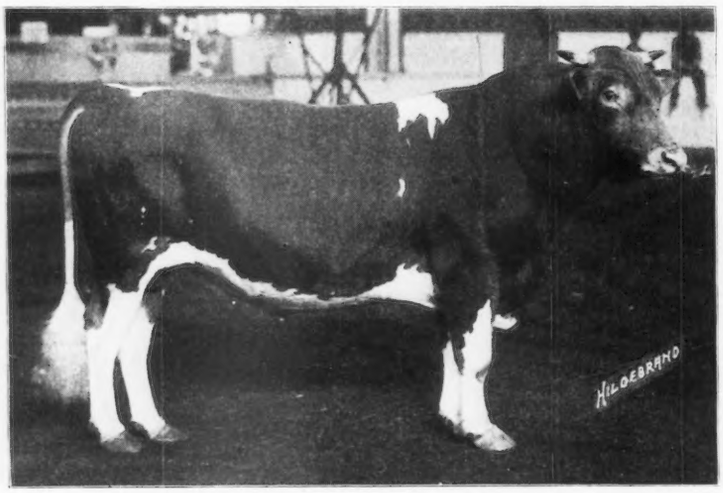
TWO PRODUCING GUERNSEYS

Good Breeding and Advanced Register Testing Bring Results

GOOD breeding and Advanced Register testing br ng results.

$15,970 from a part of the offspring of two well bred Guernseys to say nothing of having the original two and several of the offspring left, is the splendid showing made by M. T. Phillips of Pomeroy, Pennsylvania.

Langwater Royal 14253 A. R. and Gerar Pearl 23595 A. R. 1107 have had considerable influence upon the herd of Maple Shade Farm Guernseys and the blood of these two animals, through recent sales, will continue to produce producers in other herds.



LANGWATER ROYAL 14253 A. R.
Sire—Imp. King of the May 9001 Dam—Langwater Royal Rose 21334
Owned by M. T. Phillips, Pomeroy, Pennsylvania

Langwater Royal 14253 is a son of Imp. King of the May 9001 which with his twenty-six Advanced Register daughters, and his eleven Advanced Register sons, is one of the greatest May Rose bulls in America. The dam of Langwater Royal 14253, Langwater Royal Rose 21334, is sired by Yeoman 8618 and out of Imp. Royal Rose of Easton 15483, which has a class E record of 9576.9 pounds of milk and 517.8 pounds of butter fat. She traces to Imp.La Belle France 14454 said by J. L. Hope to be the greatest Guernsey cow of a great family. She is the dam of two Advanced Register daughters and was a winner over the Island for six consecutive years.

Langwater Royal 14253 is a good individual, having won several first and second prizes at some of the leading shows in 1910 and 1911, including second prize at the National Dairy Show in 1911.

He was bred by F. Lothrop Ames of Massachusetts and is owned by M. T. Phillips of Pennsylvania, where he has been used in the Maple Shade herd for the past six years.

Not only has Langwater Royal 14253 been successful in the show ring, but he is the sire of ten Advanced Register daughters, among them one three and a half year old with a record of 618 pounds of butter fat and one three year old, Hope of Pomeroy 38174. which made 11843.6 pounds of milk and 606.08 pounds of butter fat. Eight of his daughters have class G records which are creditable ones. He also has a number of sons of good individuality. Mr. Phillips has very recently sold six of the daughters of Langwater Royal 14253 for the average price of $1625.

ARTFUL BEAUTY 47409
Sire—Langwater Royal 14253 Dam—Manoa's May Rose 25269
Sold for $2000
Owned by John C. Haartz, Boston, Massachusetts

That Gerar Pearl 23595 is a producer, is shown by her records. In class G she made 7175.7 pounds of milk and 382.31 pounds of fat; in class D, 8709.8 pounds of milk and 422.17 pounds of fat; and two in class A of 11275.7 pounds of milk and 524.01 pounds of fat, and 12825.1 pounds of milk and 608.64 pounds of fat. Of her four registered daughters two of them have made very creditable records: Royal's Pearl 45209 produced 11142.7 pounds of milk containing 485.88 pounds of butter fat in class G, and Pearl of Pomeroy 40325 made a record of 12114.7 pounds of milk and 618.65 pounds of butter fat in class D

The sire of GerarPearl 23595 is Tony Sharon 11610 which is a son of Imp. Merry Anton 8337 an Advanced Register bull by May Day 1132 E. G. H. B. and out of Imp. Antonina 14733 an Advanced Register cow. On the dam's side we find Mary Jane of Gerar 17023 an Advanced Register cow with records of 10543.5 pounds of milk and 495.05 pounds of fat; 14222.4 pounds of milk and 694.08 pounds of fat; and 14004.6 pounds of milk and 697.22 pounds of fat all in class A. She is by an Advanced Register sire and traces back to Sheet Anchor 2934. Regarding Gerar Pearl 23595, Mr. Phillips sa d: "When she was twenty-two months old, I purchased her for $125. The day after I got her home, she dropped a bull calf, which I later so d for seventy dollars. Her next calf died and her next and third calf was a bull which went to Mr. Parker of Greeley, Colorado at $150. This bull and her next five calves were all sired by Langwater Royal 14253. Four of these are heifers: Pearl of Pomeroy 40325, 12114.7 pounds of milk and 618.65 pounds of fat at three and one half years; Royal's Pearl 45209, 11142.7 pounds of milk and 485.88 pounds of fat at two years; Royal's Pretty Pearl 50085 now on test and which at two years old in 198 days has given 5491.8 pounds of milk and 225.46 pounds of fat;

Pearl's Dot 57445 two years old in November 1916 and Langwater Royal 17th 38527, born in September 1915.

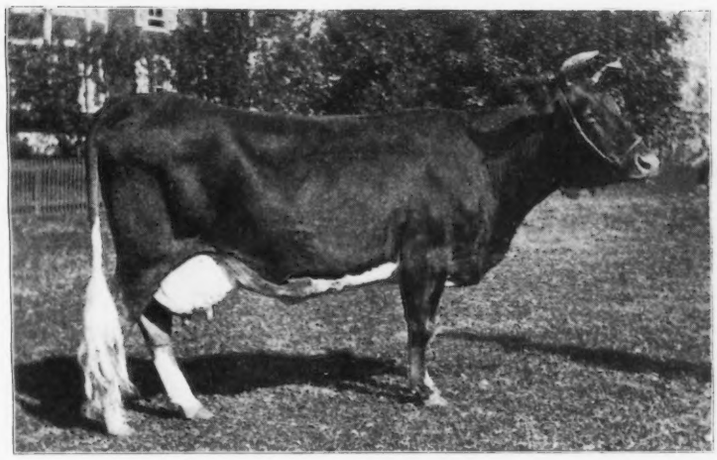
"Gerar Pearl is now nine years old, has had eight calves, made four yearly records and is due to freshen again in June 1917. I have sold three of her sons and three of her daughters for $6220 and have her with one of her daughters left."

Mr. Phillips has purchased Laverna's Ultra May King 24660, a worthy son of Ne Plus Ultra 15265.

Laverna's Ultra May King 24660 is out of Rose King's Laverna 27294, which has a record of 10040.1 pounds of milk and 503.28 pounds of fat in class C. She is by Imp. May Rose King 8336, a son of May Rose 2d 3251 P. S., the foundation cow of the May Rose family.

The dam of Rose King's Laverna 27294 is Lavessa R. 15064 which has a record of 450.81 lbs. of fat. She is also the dam of Lavanton 11611, the sire of eight daughters with records averaging 609 pounds of butter fat. Two of them are in the Class Leaders. Pandora's Valentine of Rich Neck 17622 is one of them. Her four consecutive records average 652.9 pounds of fat and she is soon to complete her fifth record which will increase the average.

Laverna's Ultra May King 24660 contains over 23 per cent. of the blood of May Rose 2d 3251 P. S., and should prove a valuable addition to the Maple Shade Farm herd.



GERAR PEARL 23595

Sire—Tony Sharon 11610 Dam—Mary Jane of Gerar 17013

Records:	7175.7 lbs. milk;		382.31 lbs. fat.		Class	G
	8709.8 "	"	422.17 "	"	"	D
	11275.7 "	"	524.01 "	"	"	A
	12824.9 "	"	608.64 "	"	"	A

Owned by M. T. Phillips, Pomeroy, Pennsylvania

LANGWATER ROYAL 17th 38527

Sire—Langwater Royal 14253 Dam—Gerar Pearl 23595

Owned by W. E. Beaman, Cornish, New Hampshire.

SOME RECENTLY COMPLETED RECORDS

In a single issue of the JOURNAL, February 15 of this year, there were thirteen cows listed which had completed yearly records of over 600 pounds of butter fat.

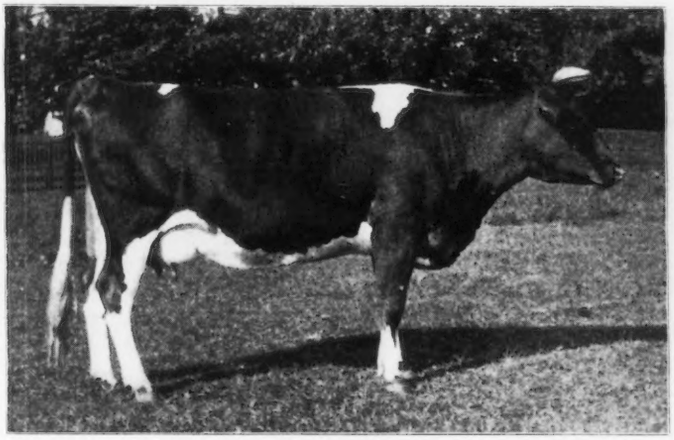
Eight of them were class A records, as follows: Mambrino's Doris 33959, 15759.0 pounds of milk, 690.42 pounds of fat; Imp. Langwater Pearl 26605, 12763.0 pounds of milk, 689.41 pounds of fat; Golden Masher's Lady 28201, 14411.8 pounds of milk, 673.20 pounds of fat; Glen Gable Galore 30219, 14130.8 pounds of milk, 649.30 pounds of fat; Glen Gable Granny 21867, 11175.9 pounds of milk, 637.42 pounds of fat; Idalade of Hillhurst 35498—14107, pounds of milk, 633.36 pounds of fat; Imp. Lily II. des Baissieres 39454—12037.8 pounds of milk, 604.75 pounds of fat, and Imp. Retia 28516—12400.7 pounds of milk, 601.34 pounds of fat.

Two of the records were in class B: Rival's Red Rose of Dellwood 37053, 13236.2 pounds of milk and 682.12 pounds of fat; and Imp. Bonita II. of les Bordages 39576, 12278.4 pounds of milk and 651.96 pounds of fat.

Ultra Lady 38913 in class C, gave 13523.4 pounds of milk containing 654.07 pounds of fat.

In class E, Fiorham Princess 43598 produced 14015.9 pounds of milk and 653.08 pounds of fat.

Janet of Oakhurst 45297 made 11006.0 pounds of milk and 617.76 pounds of fat as a senior two year old.

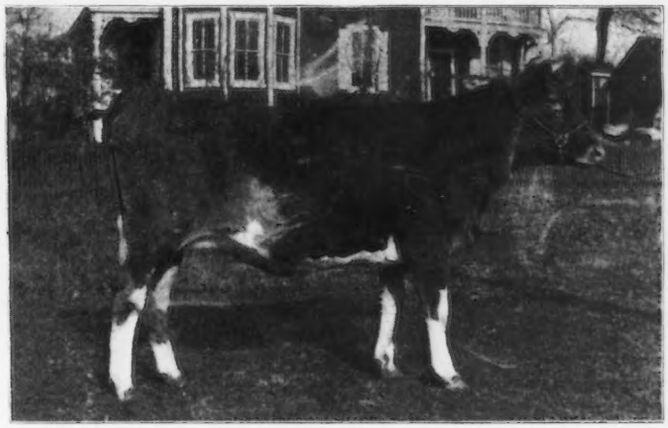


PEARL OF POMEROY 40325

Sire—Langwater Royal 14253 Dam—Gerar Pearl 23595

Record: 12114.7 lbs. milk; 618.65 lbs. fat. Class D

Owned by D. D. Tenney, Crystal, Bay Minnesota



PEARL'S DOT 57445

Sire—Langwater Royal 14253 Dam—Gerar Pearl 23595

Owned by D. D. Tenney, Crystal, Bay Minnesota

Sold with Pearl of Pomeroy 40325 for $2500.

FEEDING THE DAIRY COW (Continued from page 130)

Cows of higher tests require a little more grain and to those testing less not quite so much need be fed. It can be said however, that if it is desirable to get all the work out of a cow that is in her, grain may be fed more liberally than suggested.

Alfalfa is one of our best hays. There are a number of sections in this country where cows are fed nothing else but alfalfa during the winter and they produce a very good flow of milk. Better results are obtained, however, in most cases when some grain is fed. Since alfalfa is rich in protein, the natural grains to select are those rich in carbohydrates. Ground corn with alfalfa provides a satisfactory ration, or a mixture of corn and ground barley equal parts by weight. A better ration is provided for a cow if she is fed oil meal in connection with the corn, one-half to one pound a day. Corn silage and roots are succulent feeds that not only provide nourishment for the cow but tend to keep her digestive tract in good condition. The same may be said of oil meal. It is, therefore, a good practice to feed a cow a little oil meal when there are no succulent feeds to give her. In sections where dried beet pulp may be obtained, it is an excellent complement to alfalfa hay and is highly desirable in the absence of roots or silage, and it may be fed with either as it will take the place of corn. By soaking it with water 12 to 24 hours before feeding, using about three pounds of water to each pound of pulp, provides a feed that goes especially well with alfalfa hay. In the absence of alfalfa, clover or some other legume hay may take its place. Clover is not quite as rich a feed in protein and cows should be fed a little more grain when clover is used. Nevertheless, splendid results will be obtained with the system of feeding suggested, where alfalfa is used, if clover is substituted.

The rations which have been mentioned so far have most excellent roughages which are not always found on farms where dairy cows are kept. It is to be regretted that farmers do not supply their animals with either corn silage or roots, or both, and a good quality of some legume hay. When the poorer quality of roughage is used, like corn fodder, or timothy, or millet hay, it means the feeding of more grain and a mixture richer in protein. When timothy hay is used in a ration and there is corn silage, I would suggest feeding thirty pounds of corn silage to an animal weighing 1000 pounds and all the timothy hay she will consume, in connection with the mixture of 200 pounds of distillers dried grains, 200 pounds ground corn or barley, 200 pounds bran, 100 pounds gluten feed or brewers grains, and 100 pounds oil meal, to be fed at the rate of one pound for every three pounds of milk produced. If oil meal is more expensive than cottonseed meal, cottonseed meal may be substituted. If there is no silage the cows may then be fed all the hay they will consume and the same grain mixture, except we would not use cottonseed meal instead of oil meal, even though the oil meal cost a little more. The oil meal would be advisable to use when timothy is fed alone because of its laxative effect. In the ration of timothy hay, dried beet pulp may be used instead of corn.

The dairy farmer who desires to get the greatest returns from his herd should provide his cows with succulent feeds in such forms as silage or roots. Since it is important that some dry roughage be fed, some legume hay should be provided. With silage and good legume hay it is rather difficult for a person to make a mixture that will not give fairly good results.

It is well to bear in mind that two or three kinds of feeds should be fed as this insures a proper amount of the various kinds of nutrients necessary to nourish the animal properly. These rations which have been suggested are not for exceptionally high producing animals, but for those giving good flows of milk. They may be termed, on the whole, good rations.

Advanced Register Records Completed and Approved to February 15, 1917

These records are all made on the two day test basis except where especially noted.

Ceratina 20037, A. R. 4879, owned by Allic S. Knudson, Brodhead, Wis. Record:—9144.9 lbs. milk; 393.36 lbs. b. f. 8 yrs. 5 mos. old.

Minnie of Maplehurst 20140, A. R. 4880, owned by Allic S. Knudson, Brodhead, Wis. Record:—9728.1 lbs. milk; 437.13 lbs. b. f. 8 yrs. 6 mos. old.

Lady Galore of Edgemont 30007, A. R. 4881, owned by Allic S. Knudson, Brodhead, Wis. Record:—9817.8 lbs. milk; 491.64 lbs. b. f. 4 yrs. 10 mos. old.

Ragna 29494, A. R. 4882, owned by Allic S. Knudson, Brodhead, Wis. Record:—7633.5 lbs. milk; 361.93 lbs. b. f. 4 yrs. 7 mos. old.

Algeria K. 29202, A. R. 4883, owned by Allic S. Knudson, Brodhead, Wis. Record:—7880.0 lbs. milk; 387.28 lbs. b. f. 4 yrs. 5 mos. old.

Biondello's Squaw 36779, A. R. 4884, owned by Allic S. Knudson, Brodhead, Wis. Record:—5844.0 lbs. milk; 294.84 lbs. b. f. 3 yrs. 2 mos. old.

Glenwood Beauty Maid 38381, A. R. 4885, owned by Allic S. Knudson, Brodhead, Wis. Record:—7684.1 lbs. milk; 392.49 lbs. b. f. 3 yrs. 3 mos. old.

Dorothy Glenwood 38928, A. R. 4886, owned by Allic S. Knudson, Brodhead, Wis. Record:—7026.2 lbs. milk; 369.61 lbs. b. f. 2 yrs. 1 mo. old.

Glenwood Bonny Minnie 41765, A. R. 4887, owned by Allic S. Knudson, Brodhead, Wis. Record:—8522.1 lbs. milk; 400.33 lbs. b. f. 2 yrs. 11 mos. old.

Celosia Glenwood 43899, A. R. 4888, owned by Allic S. Knudson, Brodhead, Wis. Record:—7012.7 lbs. milk; 415.60 lbs. b. f. 2 yrs. 4 mos. old.

Imp. Aline of Sarnia 40209, A. R. 4889, owned by Charles L. Hill, Rosendale, Wis. Record:—9321.2 lbs. milk; 428.67 lbs. b. f. 5 yrs. 10 mos. old. (1 day test)

Daffodil of Sarnia 49570, A. R. 4890, owned by Charles L. Hill, Rosendale, Wis. Record:—7014.5 lbs. milk; 333.14 lbs. b. f. 2 yrs. 3 mos. old. (1 day test)

Topsy of Edgewater 45186, A. R. 4891, owned by Charles H. Jones, Wellesley Farms, Mass. Record:—11715.4 lbs. milk; 560.58 lbs. b. f. 2 yrs. 8 mos. old.

Sonsie of Waumesit 2d 29512, A. R. 4892, owned by John T. Whalley, Aurora, Ore. Record:—7336.2 lbs. milk; 392.07 lbs. b. f. 5 yrs. 11 mos. old.

Imp. Pansy of City View 59638, A. R. 4893, owned by O. R. Schwalen, Roberts, Wis. Record:—7715.6 lbs. milk; 396.47 lbs. b. f. 2 yrs. 7 mos. old. (1 day test)

Julia Ann's Pride 40153, A. R. 4894, owned by George McKerrow & Sons Co., Pewaukee, Wis. Record:—9619.3 lbs. milk; 468.70 lbs. b. f. 3 yrs. 10 mos. old.

Imp. Glenora of the Gouies 35830, A. R. 4895, owned by Elbert H. Baker, Gates Mill, Ohio. Record:—11384.5 lbs. milk; 598.16 lbs. b. f. 5 yrs. 1 mo. old.

Glenwood Girl of Elderwood 44242, A. R. 4896, owned by Donald Burton, Eagle, Wis. Record:—5580.1 lbs. milk; 307.95 lbs. b. f. 3 yrs. 1 mo. old.

Lady Waukesha of Elderwood 50541, A. R. 4897, owned by Roy Burton, Eagle, Wis. Record:—6508.1 lbs. milk; 374.60 lbs. b. f. 2 yrs. old.

Nerita 48545, A. R. 4898, owned by J. L. Hope, Madison, N. J. Record:—6978.3 lbs. milk; 365.70 lbs. b. f. 2 yrs. 6 mos. old. (1 day test)

Panmure of Windermere 51018, A. R. 4899, owned by Ballard Bros., Niles, Mich. Record:—8466.6 lbs. milk; 379.78 lbs. b. f. 2 yrs. old. (1 day test)

Pearl Rose of the Glen 47414, A. R. 4900, owned by Henry W. Howe, Bedford Hills, N. Y. Record:—12378.8 lbs. milk; 711.43 lbs. b. f. 2 yrs. 2 mos. old.

RE-ENTRIES.

Pleasure's Beauty 25187, A. R. 1401, Re-entry, owned by A. W. & F. E. Fox, Waukesha, Wis. Record:—8581.6 lbs. milk; 385.96 lbs. b. f. 7 yrs. 2 mos. old.

Pride of Castle Haven 25981, A. R. 1564, Re-entry, owned by Louis E. P. Smith, Holliston, Mass. Record:—10931.30 lbs. milk; 542.53 lbs. b. f. 7 yrs. 5 mos. old.

FOR SALE!

Princess V. 59116 and Deanie S. 59113

Both due to freshen in April, in-calf to Penstates Cena's King 38060, a May Rose-Sheet Anchor Bull.

This is a very nicely marked pair—of good size, exceptionally handsome, just the kind to start for A. R. honors, as many of their near relatives have A. R. records and others are now qualifying.

Also, Penstates Cena's King, whose dam has an A. R. record of 440 lbs. fat.

Also, a large Grade Cow, just in her prime—the family cow kind.

Also, some Bull Calves, good breeding at reasonable prices.

PURISM STOCK FARM

CENTRE HALL, PA.

Beldame 4th 31151, A. R. 2059, Re-entry, owned by J. O. Winston, Saugerties, N. Y. Record:—12900.6 lbs. milk; 547.11 lbs. b. f. 6 yrs. 2 mos. old. (1 day test)

Imp. Godolphin Ruth 3d 35567, A. R. 2200, Re-entry, owned by M. R. Prichett, River Falls, Wis. Record:—11111.2 lbs. milk; 554.77 lbs. b. f. 5 yrs. 7 mos. old.

Imp. Retia 28516, A. R. 2250, Re-entry, owned by O. C. Barber, Barberton, Ohio. Record:—12400.7 lbs. milk; 601.34 lbs. b. f. 6 yrs. 6 mos. old.

Golden Heiress of B. 28299, A. R. 2431, Re-entry, owned by Walter H. Dupee, Santee, Cal. Record:—13511.8 lbs. milk; 705.35 lbs. b. f. 7 yrs. 6 mos. old.

Edgemont Celosia 31725, A. R. 2575, Re-entry, owned by Allic S. Knudson, Brodhead, Wis. Record:—10661.6 lbs. milk; 561.22 lbs. b. f. 4 yrs. 3 mos. old.

Edgemont Celosia 31725, A. R. 2575, Re-entry, owned by Allic S. Knudson, Brodhead, Wis. Record:—10926.0 lbs. milk; 585.45 lbs. b. f. 5 yrs. 6 mos. old.

Blossom of Rich Neck 35505, A. R. 2580, Re-entry, owned by Est. H. H. Pearson, Claiborne, Md. Record:—7081.0 lbs. milk; 381.87 lbs. b. f. 4 yrs. 10 mos. old.

Fillmore's Happy New Year 34495, A. R. 2639, Re-entry, owned by Charles H. Jones, Wellesley Farms, Mass. Record:—11489.6 lbs. milk; 690.25 lbs. b. f. 4 yrs. 10 mos. old.

Imp. Lady Gree's Daughter 28321, A. R. 2754, Re-entry, owned by Est. E. R. Andrews, Putney, Vt. Record:—13774.00 lbs. milk; 653.41 lbs. b. f. 6 yrs. 1 mo old.

France's Daisy of Wawa 43960, A. R. 2765, Re-entry, owned by George Wood, Wawa, Pa. Record:—10503.0 lbs. milk; 537.66 lbs. b. f. 4 yrs. 11 mos. old.

Belladia 31909, A. R. 2801, Re-entry, owned by Walter H. Dupee, Santee, Cal. Record:—19631.9 lbs. milk; 934.05 lbs. b. f. 6 yrs. 4 mos. old.

Glen Haddon's Patience 34639, A. R. 2817, Re-entry, owned by S. M. Shoemaker, Eccleston, Md. Record:—13002.6 lbs. milk; 602.16 lbs. b. f. 4 yrs. 11 mos. old.

Imp. Bonita II. of les Bordages 39576, A. R. 2876, Re-entry, owned by Charles H. Jones, Wellesley Farms, Mass. Record:—12278.4 lbs. milk; 651.96 lbs. b. f. 4 yrs. 11 mos. old.

Imp. Lily II. des Baissieres 39454, A. R. 3059, Re-entry, owned by F. W. Roebling, Trenton, N. J. Record:—12037.8 lbs. milk; 604.75 lbs. b. f. 5 yrs. 2 mos. old.

First Dawn of Woodend 38659, A. R. 3440, Re-entry, owned by A. C. Loring, Minneapolis, Minn. Record:—11463.2 lbs. milk; 606.98 lbs. b. f. 4 yrs. 1 mo. old.

Golden Countess 20903, A. R. 3171, Re-entry, owned by Allic S. Knudson, Brodhead, Wis. Record:—10695.4 lbs. milk; 462.93 lbs. b f. 8 yrs. 11 mos. old.

Imp. Violet of la Croute 48373, A. R. 3849, Re-entry, owned by J. O. Winston, Saugerties, N. Y. Record:—12374.4 lbs. milk; 567.58 lbs. b. f. 4 yrs. 2 mos. old. (1 day test)

Excelsior of Grasslands 52838, A. R. 3865, Re-entry, owned by Robert & Herbert Scoville, Taconic, Conn. Record:—10482.5 lbs. milk; 469.97 lbs. b. f. 3 yrs. 11 mos. old.

Lillia of Iowa 43159, A. R. 3929, Re-entry, owned by W. W. Marsh, Waterloo, Iowa. Record:—11825.0 lbs. milk; 648.72 lbs. b. f. 3 yrs. 4 mos. old. (1 day test)

Imp. Lily II. des Fontaines 39639, A. R. 3931, Re-entry, owned by Westtown School, Westtown, Pa. Record:—9288.8 lbs. milk; 440.63 lbs. b. f. 4 yrs. 1 mo. old.

Lady Galore of Edgemont 30007, A. R. 4881, Re-entry, owned by Allic S. Knudson, Brodhead, Wis. Record:—11079.8 lbs. milk; 534.62 lbs. b. f. 6 yrs. 1 mo. old.

The Chestnut Hill Farms Guernsey Herd

(Estate of Myron C. Wick)

YOUNGSTOWN, OHIO

Will be sold at unrestricted

PUBLIC SALE ON SATURDAY, MAY 19, 1917

The herd is headed by Imp. Galaxy's Sequel 16904, A. R., who is sire of the following Advanced Register progeny:

DAUGHTERS

	Lbs. Milk	Lbs. Fat	Class
Imp. Lady of La Hougue 25793, A. R. 1216, Re-entry	9499.40	498.33	A
Imp. Novelty 23944 A. R. 1271	6781.00	361.32	G
Imp. Violet II of the Grandes Capelles 28328, A. R. 1314	9963.10	507.12	E
Imp. Cowslip of Bickleigh 28724, A. R. 1324	5801.60	320.24	G
Imp. Froome's Fascination III 23569 A. R. 1370, Re-entry	8451.10	446.69	D
Imp. Miss Jeannette 28719 A. R. 1407	5883.90	316.52	F
Imp. Millette II of the Baissiere 30260 A. R. 1456	7053.10	335.98	F
Imp. Ladylike of the Isle 28472 A. R. 1514	10556.00	556.86	F
Imp. Galaxy's Lady Financier 21805 A. R. 1538	8979.80	441.25	C
Imp. Maud III of the Tertre 25807 A. R. 1551	10795.20	515.80	F
Imp. Gay Lass du Braye III 33393, A. R. 1554	5919.70	355.78	G
Imp. Violet III of the Grandes Capelles 28340 A. R. 1557	9736.60	458.90	F
Imp. Fleurie of the Baissieres II 27552 A. R. 1588	10745.12	539.78	E
Imp. Christine of Courtil de Bas 28495 A. R. 1798	9090.20	492.14	E
Imp. Fairy of the Fountain 28476 A. R. 1799, Re-entry	13335.60	540.19	A
Imp. Comtesse de Paris II 32401 A. R. 1842, Re-entry	9368.80	519.45	A
Imp. Galaxy's Queen of La Ramee 34993 A. R. 1992	8335.70	387.20	F
Imp. Charmante IV of the Grandes Capelles 25810 A. R. 2015, Re-entry	14114.80	716.16	D
Imp. Fleurie II du Hamel 31627, A. R. 2027	6823.10	383.14	E
Imp. Polly de la Ruette 28761 A. R. 2031	11293.80	568.38	F
Imp. Foulon Daisy VI 28501 A. R. 2041	7944.50	361.03	E
Imp. Galaxy's Pride of Koshkonong Place 35637 A. R. 2174	6661.30	333.86	E
Imp. Galaxy's Busy Bee 27499 A. R. 2185	9798.00	502.63	D
Imp. Honeymoon VI of the Fountain 28514 A. R. 2230	9794.70	488.58	D
Imp. Newgrove Queen X 37506 A. R. 2333	6848.10	370.31	F
Imp. Bel Air VIII 29360 A. R. 2357	6789.60	385.82	A
Imp. Galaxy's Sequel's Lady Charlotte 32092 A. R. 2445	8652.30	386.42	G
Imp. Grand Fort Source 23562 A. R. 2468	7107.50	379.46	A
Imp. Duvaux Lily III 26947 A. R. 2702, Re-entry	9097.30	466.71	A
Imp. Jessie IX of the Vrangue 35406 A. R. 2704	8056.30	435.90	F
Imp. Sequel's Trixie 26685 A. R. 2844	9852.60	456.86	A
Imp. Sylph's Pride VI 28515 A. R. 2909	12998.20	640.67	C
Imp. Madame Melba I 29379 A. R. 3048, Re-entry	11875.40	499.92	A
Imp. Bonnie Salines IV 39649 A. R. 3458	9661.21	594.68	D
Imp. Galaxy's Blanche 35241 A. R. 3492	12039.50	581.63	E
Imp. Jessie of Anna Dean Farm 46898 A. R. 3671	9704.40	539.47	A
Imp. Galaxy's Sequel's Melba 39626 A. R. 3744	9984.70	445.01	E
Imp. Rose VIII of the Barras 39645 A. R. 4194	11119.90	586.70	A
Imp. Galaxy's Blanche Daisy 34987 A. R. 4481	11934.40	610.95	A

SONS

Imp. Aimable of France 13739 A. R.
Gay Lad du Braye 2026 P. S. A. R.
Imp. Oneida's Jewel 15650 A. R.
Imp. Bess' Sequel of the Isle 16914 A. R.
Maid's Honour 2060 E. G. H. B., A. R.
Imp. Duke of the Grandes Capelles 15324 A. R.
Imp. Galaxy's Lavinius 12548 A. R.
Butter Boy of the Braye 2140 P. S. A. R.
Duke of Mouilpied 2045 P. S. A. R.
Imp. Justinee's Sequel of the Preel 2119 P. S. A. R.
Defenser 2152 P. S., A. R.
San Toy of Pulias 2612 P. S., A. R.

DAUGHTERS HAVING A. R. PROGENY

Imp. Jessie of Anna Dean Farm 46898
Jessie VI of the Vrangue 7248 P. S.
Imp. Reality of Greenway 24939
Imp. Queenie of the Duvaux 26946
Imp. Sequel's Replica III 28760
Imp. Flora III of the Fountain 26664
Rouge II des Hougues Magues 8419 P. S.

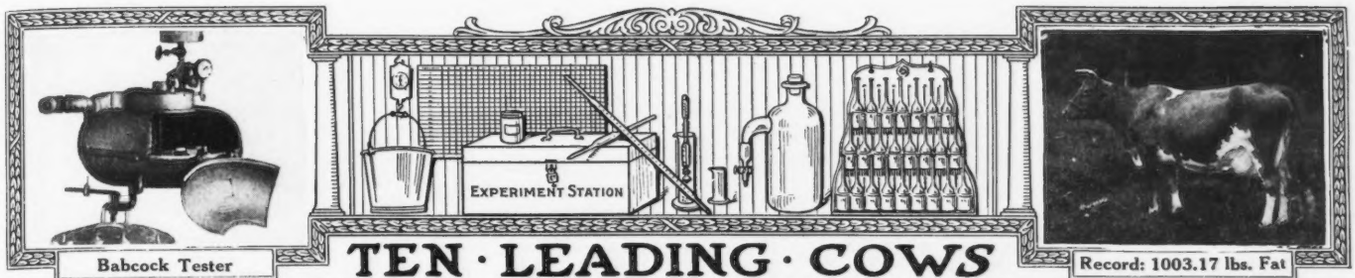
SONS HAVING A. R. PROGENY

Imp. Bullfinch III 14716
Imp. France's Jewel XIII 13384
Imp. Noble of the Salines 17601
Sequel's Delight 2442 P. S.
Admiral of the Fountain 2445 P. S.

More than Twenty of IMP. GALAXY'S SEQUEL'S DAUGHTERS will be offered at this sale as well as granddaughters and grandsons.

For Catalogue Apply to

LEANDER F. HERRICK, — Auctioneer — Worcester, Mass.



Babcock Tester

Record: 1003.17 lbs. Fat

TEN · LEADING · COWS IN · THE · SEVERAL · CLASSES · IN · THE · ADVANCED · REGISTER

CLASS A—FIVE YEARS AND OVER

	Lbs. Milk	Lbs B. Fat		Lbs. Milk	Lbs. B. Fat
Murne Cowan 19597 A. R. 1906,	24008.0	1098.18	Julie of the Chene 30460 A. R. 2752	17661.0	953.53
May Rilma 22761 A. R. 1726	19673.0	1073.41	Belladia 31909, A. R. 2801	19631.9	934.05
Langwater Hope 27946 A. R. 1978	19882.0	1003.17	Imp. Daisy Moon III. 28471 A. R. 1909	18019.4	928.39
Yeksa's Tops of Gold's Fannie 22362 A. R. 2394	19794.9	981.53	Miranda of Mapleton 19606 A. R. 914	16630.7	927.16
Spotswood Daisy Pearl 17696 A. R. 790	18602.8	957.38	Imp. Beauty of Park Farm 28420 A. R. 1850	14686.8	898.82

CLASS B—FOUR AND ONE-HALF TO FIVE YEARS

Dairymaid of Pinehurst 24656 A. R. 843	17285.3	910.67	Glenanaar of the Glen 23619 A. R. 1907	16813.1	780.66
Julie of the Chene 30460 A. R. 2752	15174.2	827.26	Lady Dairymaid of Pinehurst 29723 A. R. 2106	14770.0	769.58
Lady Lesbia 25142 A. R. 1348	13582.8	787.03	Linden Girl 42762 A. R. 3607	14682.8	747.45
King's Alberta 33788 A. R. 2555	13954.9	785.61	Ximesses M. 35845 A. R. 4836	15359.8	733.13
Pandora's Valentine of Rich Neck 27622 A. R. 1742	14341.6	784.22	Lime Girl 33441 A. R. 3443	15264.5	728.68

CLASS C—FOUR TO FOUR AND ONE-HALF YEARS

Azucena's Pride 2d 24957 A. R. 1469	16203.9	855.70	Imp. Beauty II. of the Coutanchez 28465 A. R. 2081	13513.9	748.81
Governor's Pauline 30472 A. R. 2441	14930.0	844.47	Stella's Favorite 2d 29167 A. R. 2283	14529.6	719.23
Polly's Beauty 35078 A. R. 2911	16629.8	774.40	Noblesse 3d 37942 A. R. 2908	12399.5	717.67
Imp. Dora II. of Les Marais 37737 A. R. 1999	15434.9	770.38	Triple Champion's Marva 30001 A. R. 2400	14370.3	703.27
Pauline Standish 33533 A. R. 3308	15870.6	757.21	Maggie Shand 28202 A. R. 2135	14359.4	701.99

CLASS D—THREE AND ONE-HALF TO FOUR YEARS

Dolly Dimple 19144 A. R. 628	18458.8	906.89	Imp. Rosie V. of the Bourg de Bas 36380 A. R. 2802	14065.1	755.07
Mignonette of Rich Neck 36828 A. R. 3054	14304.9	800.77	Rose of Langwater 24204 A. R. 1445	15008.2	751.62
Langwater Dorothy 27944 A. R. 1822	16099.7	781.65	Imp. Ma Charmante 6th 31925 A. R. 1995	15149.8	740.20
Imp. Princess of the Blicqs 28485 A. R. 1908	12608.8	774.16	Imp. Daisy Moon III. 28471 A. R. 1909	12489.9	710.70
Nella Jay 4th 38233 A. R. 3194	16039.9	769.33	Brightness of Glenburnie 30742 A. R. 1961	12858.6	709.95

CLASS E—THREE TO THREE AND ONE-HALF YEARS

Jehanna Chene 30889 A. R. 2588	16186.7	863.36	Langwater Desire 40709 A. R. 4877	14219.8	708.69
Dairymaid of Pinehurst 24656 A. R. 843	14562.4	860.40	Fleurette of Riverside Farm 36286 A. R. 2930	13665.5	689.56
Glenwood's Buttercup 48137 A. R. 3224	13728.9	769.82	Sweet Maria 25151 A. R. 1803	12542.5	682.86
Masher's Elsie 24986 A. R. 1967	14458.7	745.75	Imp. Darling of Ida Cottage 44578 A. R. 3566	12731.6	668.63
Miranda of Edgewater 30970 A. R. 2363	14617.3	730.49	Rutila's May Rose 24946 A. R. 1423	11415.8	655.93

CLASS F—TWO AND ONE-HALF TO THREE YEARS

Langwater Hope 27946 A. R. 1978	15078.8	773.59	May Belle of Linda Vista 29679 A. R. 2134	11981.8	653.02
Azucena's Pride 2d 24957 A. R. 1469	12633.3	706.46	Imp. Rose des Houards 59th 44975 A. R. 3901	13522.8	643.11
Linden Girl of Harbor Hill 3d 58625 A. R. 4651	12636.9	681.34	Yeksarose 16610 A. R. 472	11275.5	638.49
Rose of Langwater 24204 A. R. 1445	12966.5	669.89	Imp. Rouge II. of the Brickfield 28335 A. R. 1198	10963.0	612.53
Imp. Buttercup II. of Beauregard 35799 A. R. 2638	10623.3	659.71	Imp. Bijou des Frances 44541 A. R. 3043	10655.6	612.27

CLASS G—TWO TO TWO AND ONE-HALF YEARS

Cherry of Edgewater 38413 A. R. 3361	13454.2	732.97	Golden Elsie 2d 33422 A. R. 2274	13409.0	672.94
Nella Jay 4th 38233 A. R. 3194	14772.7	726.32	Princess Deasie 36703 A. R. 2275	11943.1	666.22
Pearl Rose of the Glen 47414, A. R. 4900	12378.8	711.43	Nellie Tostevin of Mapleton 3d 30318 A. R. 2121	11675.9	664.01
Nugget's Primrose 48835 A. R. 4001	15436.1	705.56	Imp. Bonnie of Anna Dean Farm 46953 A. R. 3195	12785.4	657.87
Dolly Dimple 19144 A. R. 628	14009.1	703.36	White Wing of Edgewater 38489 A. R. 3504	13538.5	653.14

AVERAGE YIELD OF 70 CLASS LEADERS 14700.21 LBS. MILK; 768.90 LBS. BUTTER FAT; 5.23 PER CENT.

The above is as they appeared Feb. 15, 1917.

Summary of 5606 Advanced Register Records.

	Records	Lbs. Milk	Lbs. B. F.	Per Cent.
Class A	1640	10216.22	502.06	4.914
Class B	318	9695.04	482.90	4.980
Class C	431	9259.55	463.91	5.010
Class D	415	9013.36	453.91	5.035
Class E	566	8373.63	423.38	5.056
Class F	703	8064.22	407.78	5.056
Class G	1503	7707.21	386.36	5.012
Av. for	5606	8889.04	443.43	4.988

Milk Production

Best Year's Record 24008 lbs.

Av. Ten Largest Records 19299.55 lbs.

Butter Fat Production

Best Year's Record: 1098.18 lbs.

Av. Ten Largest Records, 974.03 lbs.

Largest record for which certificate has been written since last issue of Journal Belladia 31909, A. R. 2801, Re-entry: 19631.90 lbs. milk; 934.05 lbs. butter fat.

The Advanced Register of Guernsey Cattle

SPECIAL NOTE: This list contains the latest credits and totals for the several cows entered in The Advanced Register work so far as they had been checked up and verified at the time the list was put to press.
Any omissions or back credits given signify that either data has not been received in time, or was held up pending verification. In such instances they will appear in next list published.

Name and Number	Class	Days	Month	Month Credit. Milk Lbs.	% Fat	B. Fat Lbs.	Total Credit. Milk Lbs.	B. Fat Lbs.
These records are all made on the two day test basis except where especially noted.								
ADAMS, H. C., ALGONA, IOWA.								
Imp. Fancy's Star's Flora 38362	C	366	Dec	131.4	5.42	7.12	8932.5	442.94
Imp. Wildwood Daisy of Saints 40581	B	28	Nov	764.2	4.88	37.29		
		59	Dec	774.4	5.50	42.59	1538.6	79.88
Imp. Wildwood Valinguet Rose 40582	C	261	Dec	620.4	5.23	32.45	6750.5	300.92
ALLEN, C. C., KENOSHA, WIS.								
Allenwood Glenwood Girl 48706	E	78	Jan	856.6	4.79	41.03	2436.2	119.54
Imp. Allenwood Nellie 50478	F	329	Jan	602.8	5.53	33.33	8200.1	397.29
Golden Elsie of Glenburnie 45853	E	8	Dec	269.1	5.05	13.59		
		39	Jan	1266.7	5.05	63.97	1535.8	77.56
Imp. Roehampton Jessamine 52789	F	366	Dec	77.9	6.71	5.23	8396.6	417.92
ANDERSON, ALFRED, HOLTON, MICH. 1 day test.								
Agnes Johnson 37463	B	256	Dec	349.9	4.70	16.45	5491.7	222.00
Masher's Bessie of Bonny Lea Farm 58560	G	146	Dec	576.1	4.66	26.85	3249.0	140.03
Myrtle of Bonny Lea Farm 58559	G	256	Dec	549.2	5.53	30.37	5958.2	288.12
ALLARD BROS., NILES, MICH. 1 day test.								
Bess of Windermere 56538	G	109	Dec	662.9	4.50	29.83	2298.0	103.29
Carrie of Windermere 57200	G	10	Nov	269.5	3.68	9.92		
		41	Dec	871.8	3.68	32.08	1141.3	42.00
Dolly Dimple of Coloma 2d 58315	F	25	Dec	923.1	4.80	44.31		
Fair Daisy of Maple Row 58316	G	110	Dec	677.8	6.04	40.94	2749.1	152.49
Gipsy of Windermere 53408	G	120	Dec	580.4	5.58	32.39	2469.5	129.94
Mattie of Windermere 57674	G	28	Dec	801.5	4.47	35.83		
Melba of Yellowdale 30010	A	263	Dec	496.0	5.39	26.73	7427.9	368.82
Melba of Yellowdale 2d 39701	C	244	Dec	527.0	5.68	29.93	5881.9	299.13
Miss Bess of Yellowdale 42643	A	328	Dec	590.1	5.99	35.35	11319.6	547.38
Rose of Windermere 52680	G	366	Dec	458.7	5.55	25.46	7197.8	339.54
BECK, J. D., VIROQUA, WIS.								
Corona of West Lawn 45361	F	366	Nov	357.7	7.23	25.86	6454.1	309.03
Hallie of West Lawn 45360	F	365	Oct	248.4	5.98	14.85	5234.7	243.15
Loma Linda of West Lawn 45373	F	353	Nov	215.9	5.85	12.63	5322.5	250.03
Princess Goldie of West Lawn 46044	G	366	Nov	174.8	5.85	10.23	8508.1	382.51
BECKER & BECKER, BERRIEN CENTER, MICH. 1 day test.								
Bessie of the Ridge 52199	G	275	Dec	397.0	6.55	26.00	5115.9	282.06
Puritan Lady 32505	A	265	Dec.	452.6	5.34	24.17	5894.4	259.55
BENHAM, F. G., CANANDAIGUA, N. Y.								
Clarissa of Evanmar 39052	C	306	Dec	674.8	4.13	27.87	9023.4	341.92
Cold Brook's Rhea 33732	A	49	Dec	1066.6	4.61	49.17	1779.5	82.75
Lady Bell of Cherrydale 2d 58618	E	146	Dec	625.0	4.90	30.63	3909.1	185.73
Imp. Lucy of the Courtils 35495	A	314	Dec	600.5	5.69	34.17	9009.6	449.44
Imp. Milly of the Vrangue II. 35495	A	146	Dec	858.3	4.51	38.71	4999.9	209.35
Miss Golden of Edgewater 42888	D	266	Dec	473.1	6.33	29.95	6131.1	318.44
Miss Jan of Edgewater 49206	F	283	Dec	525.8	5.84	30.71	8072.8	373.41
My Lady Lida of Cherrydale 39743	C	301	Dec	640.2	5.53	35.40	9231.1	426.91
BLANDY, I. C., GREENWICH, N. Y.								
Follyland Nancy 52457	G	296	Jan	1039.3	6.15	63.92	10179.3	557.95
Follyland Queen Prize 52101	G	192	Jan	815.7	4.36	35.56	6001.3	251.23
Follyland Woodsey 52100	G	204	Jan	868.4	4.71	40.90	6024.0	259.71
Imp. The Fairie Queene II. 41614	A	366	Jan	630.6	6.85	43.20	9656.9	509.69
BLISS, WALTER P., BERNARDSVILLE, N. J.								
Imp. Bella de Carteret 37283	A	167	Jan	707.2	5.67	40.10	5322.2	252.55
Imp. Billy's France's Queen Viola 27565	A	105	Jan	962.9	5.43	52.29	3588.4	187.81
Imp. Daisy of Ida Cottage 36423	A	366	Jan	306.5	5.84	17.90	10755.6	521.32

Alabama

Guernseys the Pioneers in Alabama

You will be glad to know of the interest being worked up in this locality in the Guernsey cow.

About thirty days ago we located near Demopolis, Alabama, Dr. J. B. Thompson of Blair, Wisconsin. He bought an alfalfa, corn and grass farm in our prairie section in a good neighborhood of new comers from Tennesee, Kentucky, Indiana, Illinois and other states. Doctor Thompson shipped down from Wisconsin a car load of Guernseys, and they came through in good shape, They are today thriving and picking up right along. We sent some of the daily papers of the state and section news items about Dr. Thompson and his Guernseys and he has already received several inquiries for bulls and heifers—very encouraging in their tone and interest.

We tried to get the doctor (who is a Guernsey man all over and a dairyman of experience and note) to ship a few young bulls in his car of cows—but being a new man coming to a new country he took the conservative view. Now he sees where he will soon have to do something for the people. A movement is now under way calling for Dr. Thompson and other local parties going to Wisconsin soon, to buy two cars of Guernseys, mostly young bulls. We are cooperating in this movement and so are our commercial club and local banks. Aside from other advantages possessed by the Guernsey we realize our remarkable advantages as a dairy country and the Guernsey is here to stay and will be relied upon to breed up the common cows of the country—an ability we know the Guernsey is eminently fitted to do.

We want your full cooperation. Our variety of grasses and clovers, our mild winters, rainfall and long grazing seasons will enable us to soon see the net dollar coming in in attractive fashion to all dairymen.

Cows—good cows—are our only need, and we have determined to make ere long of the Demopolis alfalfa section of the Alabama Black Belt a dairy country to the south what Wisconsin is now to the Union. We can do it, and are going to do it.

Only a few years ago did we emancipate ourselves from the one crop idea of cotton only. As a result we can already borrow more money on our alfalfa lands in our beautiful rolling prairie country than these same lands sold for three years ago. Our future may be seen when you realize that

BREEDER'S EXCHANGE

FOR SALE: Grandee of Haddon, by Masher's Bonny Boy of Haddon, out of Glenwood Girl 5th's Perfection. Dropped May 31, 1910. A sure breeder and sire of exceptionally good cows. Offered for sale because nearly all of our cows are sired by him. Price on application to Superintendent, New Jersey State Home for Boys, Jamesburg, New Jersey.

Guernsey Pedigrees Tabulated

Five generations with A. R. records.
50 CENTS EACH
Satisfaction guaranteed
F. E. FOX - - Waukesha, Wis.

GUERNSEY PEDIGREES

Five generations with records	$1.00
Six " " "	1.50
Seven " " "	2.00

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62 Parker Avenue, South Orange, N. J

FOR SALE

A Few Young Tuberculin Tested
REGISTERED GUERNSEY COWS
Prices reasonable Write for particulars
MORELL SMITH, Supt., Manhasset, L. I.

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Our policies cover death losses occuring anywhere in the United States or Canada—*from any cause whatever.*
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DON'T put your Cows on sale with their hair all standing out. Use a Lined "Kant Come Off" Blanket. Have them look as smooth as velvet.
Lined Blankets from $2.00 to $3.00 each. Unlined blankets from $1.25 to $2.25 each.
SHOW BLANKETS A SPECIALTY
Write for Catalog and Samples
Fond du Lac Awn. & Tent Co., Dept. 98, Fond du Lac, Wis.

BREUCHAUD, JULES, OLIVE BRIDGE, N. Y.

Imp. Florette de la Pointe 51162	D	366	Jan	376.7	6.14	23.13	9838.1	509.47
Raymond's Morning Glory 42504	C	175	Jan	671.2	6.18	41.48	4453.3	240.37
Imp. Violet III des Valettes 48467	D	175	Jan	105.15	4.51	47.42	6073.3	254.57

BROWNE, GEORGE W., WAUKESHA, WIS.

Imp. Bonnie Kathleen 36275	A	138	Dec	904.0	5.32	48.09	4280.0	199.14
Claudia Claire 37645	A	179	Dec	899.0	5.69	51.15	5630.2	287.61
Coventry Cora's Best 48202	F	257	Dec	534.7	5.66	30.26	5777.1	280.41
Daisy of Ulao 2d 42435	D	286	Dec	745.0	5.95	44.33	8653.6	438.72
Imp. Fancy III. de la Vieille Rue 35483	A	1	Oct	31.4	4.70	1.48		
		31	Nov	1158.0	4.70	54.43		
		62	Dec	1188.3	4.69	55.73	2377.7	111.64
Gelenina of Bon Ayre 49855	E	82	Dec	1089.9	4.16	45.34	2911.4	124.61
Julia Ann 16307	A	265	Dec	923.0	5.69	52.52	9135.0	438.47
June Morning 46175	C	140	Nov	705.1	4.83	34.06		
		171	Dec	721.7	4.58	33.05	4574.8	191.87
Kate of Sunny Valley 38495	A	14	Nov	714.3	4.93	35.21		
		45	Dec	1639.8	4.56	74.77	2354.1	109.98
La Mollie of Fire Town 26312	A	196	Dec	586.0	5.03	29.48	517.29	223.59
Leoparda of Lone Mound 28698	A	221	Dec	694.1	5.00	34.71	6014.6	266.84
Imp. McKerrow's Rosette 53182	E	159	Dec	708.2	5.44	38.53	3980.0	192.51
Mapelene Alice 41442	B	37	Nov	1190.3	5.08	60.47		
		68	Dec	1323.0	4.66	61.65	2732.2	135.01
Pearly of Spring City 38815	A	29	Dec	1366.0	4.29	58.60		
Sultana of Edgemont 3d 29479	A	257	Dec	667.3	5.90	39.37	7307.3	363.35
Wern's La Mollie 31092	A	90	Dec	1087.7	4.66	50.69	3333.5	150.20

BUCKLEY, IRVIN, SCHAGHTICOKE, N. Y. 1 day test.

Anna Josephine 16557	A	275	Dec	600.0	6.16	36.96	7372.8	396.65
Imp. Dolly of Mouilpied 47906	C	292	Dec	449.7	6.24	28.06	6995.6	367.25
Imp. Lady Roberts of Bellview 47697	A	275	Dec	521.0	4.85	25.27	7384.7	329.88
Imp. Varclin Gem 47703	B	292	Dec	495.0	5.92	29.30	7265.9	396.43

BUZZELL, ROY C., STANLEY, WIS.

Imp. Coggins VII. 43643	C	318	Dec	587.2	6.45	37.87		
		349	Jan	561.0	6.48	36.35	10203.7	484.81
Woodland Maid 27690	A	308	Dec	494.4	5.48	27.09		
		339	Jan	447.4	5.77	25.81	8665.5	433.57

CALDWELL, WILLIAM H., PETERBORO, N. H..

Lady Q. 44381	B	311	Dec	494.6	5.97	29.53	8183.2	408.83
Queen Foam Bullfinch 54906	G	86	Dec	849.3	4.23	35.93	2307.5	94.26

CHRISTENSEN, C., LA CROSSE, WIS.

Aramintha C. 42639	D	136	Oct.	525.3	6.08	31.94		
		166	Nov	469.5	5.93	27.84	3272.2	179.58
Imp. Blackberry of the Isle 26648	A	83	Oct	1054.8	4.38	46.20		
		113	Nov	1002.4	4.08	40.90	4145.7	167.92
Imp. Forestine II. 35759	A	274	Oct	690.0	4.59	31.67		
		304	Nov	591.6	4.36	25.79	9226.7	393.96
France's Masher's Honeymoon's Daughter 27750	A	315	Oct.	479.2	6.05	28.99		
		345	Nov	445.1	6.12	27.24	8691.1	447.91
Paris Pride 42635	D	196	Oct	530.9	5.20	27.61		
		226	Nov	534.0	5.02	26.81	5096.8	240.81
Imp. Poundstock's Lady 34654	A	180	Oct	669.1	5.53	37.00		
		210	Nov	617.4	5.80	35.81	5666.6	288.74
President's Star of Lewison 34653	A	177	Oct.	894.3	5.92	52.94		
		207	Nov	777.9	5.78	44.96	7453.9	374.79

CLEVELAND, CHARLES D., EATONTOWN, N. J.

Alphea of Pinehurst 2d 29722	A	366	Dec	781.2	6.28	49.06	14716.9	810.43
Imp. Duke's Daisy of the Isle 53783	C	245	Dec	920.4	5.51	50.71	9697.3	458.19
Imp. Itchen Pearl 2d 28155	A	361	Dec	305.5	5.23	15.98		
		366	Jan	47.6	5.49	2.61	10038.0	489.93
Xmas May 39380	B	47	Dec	1187.8	4.84	57.49	1761.2	84.55

CLUETT, G. A., WILLIAMSTOWN, MASS.

Busy Bee of Green Meadow 42108	B	15	Dec	583.9	4.64	27.09		
Green Meadow Moss Rose 50160	G	222	Dec	812.2	5.04	40.93	6255.2	291.03
Green Meadow Velvet 45686	E	240	Dec	575.1	5.84	33.59	5364.2	272.26
Masher's Velvet 39620	B	148	Dec	1015.8	4.68	47.54	5142.6	222.26
May Red Rose 54835	G	8	Oct	226.6	4.75	10.76		
		38	Nov	880.7	4.37	38.49		
		69	Dec	820.6	5.69	46.69	1927.9	95.94
Imp. Olive of the Ponchez 36390	A	126	Dec	769.7	5.31	40.87	3266.6	158.98
Imp. Raymond's Nelita 36399	A	95	Nov.	999.8	4.80	47.99		
		126	Dec	968.9	5.15	49.90	4194.0	208.62
Imp. Rosenheim IV. of the Hall 35246	A	109	Nov	930.6	4.55	42.34		
		140	Dec	907.4	4.60	41.74	4719.4	202.54
Imp. Viola of the Isle 35247	A	164	Dec	1232.7	4.41	54.36	6870.2	296.09

CODMAN, EDMUND D., DEDHAM, MASS.								
Lena of Green Lodge 41908	A	245	Oct	449.4	6.36	28.58		
		275	Nov	317.2	7.02	22.27		
		306	Dec	310.9	6.68	20.77	6956.0	395.66
Lilac of Green Lodge 61630	D	68	Oct	812.9	4.80	39.02		
		98	Nov	619.7	5.33	33.03		
		129	Dec	729.2	5.30	38.65	3191.3	160 63
COFFIN, W. K., EAU CLAIRE, WIS.								
Imp. Bedum of Sarnia 46544	A	209	Nov	618.7	5.32	32.91		
		240	Dec	610.6	5.46	33.34	6050.3	299.66
Imp. Blonde of Sarnia 46545	B	287	Nov	526.4	5.84	30.74		
		318	Dec	543.9	5.64	30.68	8021.1	397.17
Bonnie of Tristram Farm 54747	G	147	Nov	599.2	4.55	27.26		
		178	Dec	621.6	4.55	28.28	3862.1	165.12
Imp. Butterscotch of Sarnia 50460	B	4	Oct	128.5	4.56	5.86		
		34	Nov	976.0	5.14	50.17		
		65	Dec	961.2	4.42	42.49	206.57	98.52
Imp. Deb of Sarnia 65387	F	112	Nov	769 0	5.04	38.76		
		143	Dec	791.3	4.91	38.85	3742.1	182.74
Imp. Economy of Sarnia 65365	G	112	Nov	647.8	4.49	29.09		
		143	Dec	653.5	4.18	27.32	3282.6	136.33
Imp. Primrose Beauty of Tristram Farm 50997	G	344	Nov	443.1	5.31	23.53		
		366	Dec	296.3	5.31	15.73	7368.9	317.23
Roparry 37819	A	146	Nov	628.3	6.41	40.27		
		177	Dec	610.5	6.66	40.66	4414.3	251.90
Winsome of L. View 43712	E	351	Nov	163.0	6.29	10.25		
		366	Dec	66.6	6.29	4.19	5885.4	311.76
COGGSHALL, L. L., LOCKE, N. Y. 1 day test.								
Fair Lady of Maple Glen 34071	A	6	Dec	178.6	4.50	8.04		
		37	Jan	1001.6	4.50	45.07	1180.2	53.05
Jessie Pretoria 23480	A	68	Jan	1031.3	5.15	53.11	2414.7	120.90
Loretta of Maple Glen 34073	A	8	Jan	271.5	4.50	12.22		
COLUMBIA MILLS, INC., THE, MINETTO, N. Y.								
May Queen of Oakhurst 51611	G	149	Jan	688.9	5.40	37.20	3447.5	187.36
COOPER, GEORGE C., SUPERIOR, WIS.								
Imp. Buttercup of the Villette 26952	A	271	Dec	558.1	4.57	25.51		
		302	Jan	521.0	5.09	26.52	7449.8	339.99
Craigamoor Amnicona 41820	D	316	Dec	632.4	4.52	28.58		
		347	Jan	583.3	4.93	28.76	8776.7	403.25
Craigamoor Mary 50109	G	306	Dec	511.3	4.86	24.85		
	G	337	Jan	468.8	5.32	24.94	7452.0	361.18
Craigamoor Miriam 57023	G	30	Nov	781.1	4.27	33.35		
		61	Dec	845.5	4.34	36.69		
		92	Jan	758.7	4.53	34.37	2385.3	104.41
Craigamoor Princess Bas 45286	E	256	Dec	553.5	5.47	30.28		
		287	Jan	508.6	5.90	30.01	6024.2	315.76
Craigamoor Vernette 56146	G	25	Nov	631.9	4.41	27.87		
		56	Dec	739.2	4.97	36.74		
		87	Jan	681.6	5.76	39.26	2052.7	103.87
Imp. Governor's Forest Rose 44177	A	184	Dec	735.3	4.67	34.34		
		215	Jan	609 8	5.18	31.59	6462.4	275.90
Lady Fredericka of Craigamoor 38536	C	344	Dec	513.0	5.65	28.98		
		366	Jan	325.9	6.30	20.53	7843.3	415.08
Princess Tibeon of Craigamoor 33765	A	98	Dec	884.3	4.60	40.68	3110.8	147.36
Raritan's Dottie Dimple 42406	E	322	Dec	533.9	6.07	32.41		
		353	Jan	502.7	6.40	32.17	7583.9	423.34
Imp. Violet IV. of the Grandes Capelles 26955	A	30	Nov	1390.1	4.33	60.19		
		61	Dec	1471.6	4.92	72.40		
		92	Jan	1380.9	5.02	69.32	4242.6	201.91
COOPER, MINNIE A., SUPERIOR, WIS.								
Craigamoor Cosette 43206	D	366	Dec	494.7	6.12	30.28	8730.2	511.18
Craigamoor Phoebe 42484	D	360	Dec	661.2	5.31	35.11		
		366	Jan	129.8	5.25	6.81	10737.7	538.65
CORNELL UNIVERSITY, ITHACA, N. Y.								
Glenwood Queen of Maplehurst 21636	A	123	Jan	791.9	5.19	41.10	4219.2	216.10
Mota Ledyard 43557	C	64	Jan	861.9	4.72	40.68	1851.3	93.91
Mota Warwick 50621	G	123	Jan	520.4	5.84	30.39	2141.4	132.66
COUNTISS, FREDERICK D., LAKE GENEVA, WIS.								
Flora Bates 47134	F	354	Dec	516.9	5.19	26.83	7849.2	339.49
Jennie Bates 38307	C	354	Dec	562.6	6.62	37.24	9739.8	486.32
Louise Glenwood of Walter Maple 53512	G	275	Dec	492.4	6.11	30.09	5058.1	259.39
Nellie Butterfly 38519	A	61	Dec	757.1	5.52	41.79	1640.4	89.13
CRAFT, HARVEY C., GLEN COVE, N. Y. 1 day test.								
Bellflower of Matinecock 56613	G	92	Jan	877.7	4.70	41.25	2695.2	122.06

Thompson's Guernseys are the first here. We will have a creamery in Demopolis by March 1, starting with 1500 cows. Dr. Thompson's herd is the highest grade and qualified herd of dairy cows here so far.

—C. C. Clay, Alfalfa Land Co.

California

Win Butter Fat Prize on a Fruit Ranch with Guernseys.

The monthly prize of $25 offered by the Pacific Rural Press in the California Dairy Cow Competition for December was won by five grade Guernsey cows owned by F. O. & K. U. Bohnett, Campbell, Santa Clara County, California.

This was accomplished on a forty acre fruit farm. The average of the five cows for the month was 49.23 pounds of butter fat.

An article in the Pacific Rural Press regarding this record and the Bohnett Brothers farm says:

"Constructive dairying—and that is what Bohnett Brothers believe in—demands that one breed his own cattle and select heifers from the best cows, so a year ago a registered Guernsey bull out of a state record cow was purchased, and now all of the heifer calves are being raised, notwithstanding that all of the feed for them, except skim milk, has to be bought. Daily weighing of the milk from each cow and monthly testing of composite samples have always been the rule here."

We can look for even better results when the Guernsey blood begins to tell.

A Large Farm and a Good Herd

B. E. Nixon's Revada Farm, Napa, California, is the home of a herd of pure bred imported Guernseys. It is 600 acres in extent and has some very fine bottom land. A reservoir of 35,000 gallons crowns the summit of a hill overlooking the farm buildings which are thoroughly modern and up-to-date. The milking barn, 162 by 37, with latest equipment, stables eighty head. Two 150-ton silos at one end of the barn furnish feed. At the other end of the barn is the completely equipped milk house with its cooler, separator, refrigerator and sterilizing plant. There are now seventy-six head, thirty-seven of which are mature cows. The senior herd bull is Imp. Roberts' Secret 30805. The junior sire is Imp. Ricardo of Edgemoor 34367, first,

junior and reserve grand champion, Sacramento, 1916, and first in class and junior champion at San Francisco, 1915.

—CALIFORNIA CULTIVATOR.

Connecticut

Progress at Branford Farms

A bull calf by Langwater Warrior 26509 and out of Langwater Faithful 39949, a daughter of Imp. King of the May 9001, purchased at the recent sale, is one of the most promising youngsters in the Guernsey herd at Branford Farms.

It is interesting to note the progress being made at this large breeding establishment. A new and commodious cattle barn has been built, new stock purchased, and some undesirable females weeded out. Guernseys are in flourishing condition and the young things are hardy and growthy.

—THE FIELD, Illustrated.

Illinois

Bent Believes in Testing

I consider cow-testing and cow-testing associations of the greatest importance. I favor anything that hastens a general better knowledge of selection and care of the state and nation's dairy stock.

It is a poor farmer, indeed, who has not a fairly accurate knowledge of the yield of grain an acre from each of his fields each year, and yet I believe it can be said that it is even more important that he have equally accurate knowledge of the exact yield and ability of each of his producing animals. In the first place, one may not easily exchange a poor field for a good one, but one can comparatively easily get rid of poor animals and supplant them with good ones.

In the second place, any experienced eye can tell fairly well whether or not a field is a good field, but it requires a running record and exact tests continued for at least a year to ascertain the value of an animal. It is easy for the most experienced of judges to be fooled by the appearance of an animal, which may prove to be a short-termer or a low-tester. It is this very need for repeated tests and records and computations that is the explanation for such a large percentage of dairymen and farmers failing to observe the ordinary good business principles. Herein lies the first advantage in the cow-testing association. The burdensome demand for time and

CRAIG, BURDETTE P., GLEN SPEY, N. Y.								
Imp. Belle of St. Peter Port 53644	F	207	Dec	507.0	4.52	22.92	4514.2	211.83
Lady Beldora of Thornliebank 49990	G	366	Dec	151.8	6.40	9.72	8563.3	469.32
Imp. Le Pelley's Maggie IV. 50430	D	177	Dec	762.8	5.19	39.59	6169.4	308.57
Imp. Lynchmere Florrie 2d 54026	E	84	Dec	864.8	5.53	47.82	2973.8	166.56
Princess Lorraine of Tarbell Farms 35390	A	366	Dec	460.5	5.52	25.42	10840.4	567.29
Imp. Rosie of Sous l'Eglise 39580	A	222	Dec	800.3	5.32	42.58	7793.0	378.48
Imp. Rosy XII. de la Vieille Rue 53814	E	94	Dec	1001.5	5.19	51.98	3510.3	191.72
CRAMER, JOE, MENOMONIE, WIS.								
Diamond Dorothy of Waumesit 43593	C	25	Nov	1205.3	4.31	51.95		
		56	Dec	1540.4	4.46	68.70	2745.7	120.65
Gipinda Jane of Waumesit 43594	C	44	Nov	1370.8	4.46	61.14		
		75	Dec	1393.2	4.30	59.91	3392.7	145.38
CRAMER, JOHN Jr., MENOMONIE, WIS.								
Fair Queen's Nugget 42909	D	88	Nov	1145.3	4.90	56.12		
		119	Dec	1123.8	4.97	55.85	4761.9	219.97
Imp. Keewatin 52963	E	61	Nov	1141.2	4.43	50.56		
		92	Dec	1092.3	5.52	49.37	3408.4	149.75
Imp. Launy II. 40382	A	61	Nov	1385.6	5.07	70.25		
		92	Dec	1264.6	5.64	71.32	4157.2	212.70
Margis of Fern Hill 34493	A	59	Nov	1218.4	4.83	58.85		
		90	Dec	1132.2	5.41	61.25	3526.4	177.01
Imp. Nellie of Courtil Ronchin 40390	B	112	Nov	837.2	6.23	52.16		
		143	Dec	845.7	6.10	51.59	4371.3	246.25
CROCKER, H. C., & SON, SENNETT, N. Y.								
Della of Hickory Grove 24706	A	275	Nov	739.5	5.52	40.82	12265.9	582.90
Ella of Bellmath 40295	C	226	Nov	560.1	5.63	31.53	7945.3	390.77
Fina of Bellmath 34769	A	275	Nov	615.5	5.63	34.65	8617.0	412.89
Oola of Bellmath 34768	A	275	Nov	275.0	6.06	16.67	8165.0	411.81
Truella of Bellmath 31364	A	275	Nov	586.7	5.58	32.74	8931.4	406.45
Truella of Bellmath 2d 54797	G	256	Nov	582.2	4.76	27.71	6154.6	283.67
DALBEY, ALICE R. G., GRANVILLE, OHIO								
Beauty's Iolie of Prospect Hill 63719	G	240	Nov	397.3	4.74	18.83		
		271	Dec	390.3	5.05	19.71	4461.5	203.82
DONNELLEY, REUBEN H., LIBERTYVILLE, ILL.								
Lady Ellen Bush 40136	B	43	Dec	1106.9	4.82	53.35	1526.0	72.67
DUTTON, R. H., COLMAR, PA.								
Imp. Beauty II. of the Caillioterie 47116	C	356	Jan	496.7	5.77	28.66	9541.3	464.26
Imp. Brunette IV. du Mont Marche 53616	E	328	Jan	602.0	5.05	30.40	7345.9	351.93
Imp. Darling II. of Blancheland 47168	C	140	Jan	632.8	5.59	35.37	3383.0	174.29
Imp. Jolly 53634	G	366	Jan	384.5	6.86	26.38	6997.4	391.70

Imp. Rose of the Venelle Simon 53572	C	60	Dec	1149.8	4.34	49.90		
		91	Jan	1042.0	4.34	45.22	3252.9	138.73
Imp. Saunders III. 53628	F	342	Jan	522.0	6.25	32.63	7331.3	411.08
Imp. Stedman IV. 53651	G	333	Jan	495.0	5.13	25.39	6509.8	312.44
ELLIOTT-BRANT RANCHO, OWENSMOUTH, CAL.								
Betty Redwing of Highland 30426	A	153	Nov	701.6	5.49	38.52		
		184	Dec	647.0	6.12	39.60	5764.6	300.61
Count's Miss Dot 2d 33945	A	88	Nov	920.2	5.01	46.10		
		119	Dec	878.6	4.79	42.08	3838.7	172.70
Daisy of Bloomfield Hills 46231	E	194	Nov	556.1	5.09	28.31		
		225	Dec	554.0	5.40	29.92	4864.9	235.63
Evangeline Marshall 45769	E	274	Nov	531.1	6.11	32.45		
		305	Dec	578.7	6.33	36.63	7716.4	405.94
Helma 34746	A	244	Nov	499.7	7.44	37.18		
		275	Dec	448.8	7.28	32.67	6371.0	365.13
Ida Lyons 34811	A	202	Nov	698.4	6.37	44.49		
		233	Dec	676.7	6.08	41.14	6588.9	364.05
Pet's Pansy of Pine Grove 40191	B	102	Nov	1131.5	4.85	54.88		
		133	Dec	996.5	4.82	48.03	5393.4	235.16
Princess of Meadowbrook 25185	A	164	Nov	1063.5	5.52	58.71		
		195	Dec	1121.9	6.01	67.43	7991.9	412.54
EVERETT, HENRY C., BARNSTABLE, MASS.								
Aminta's Daughter of Bayside 27996	A	294	Dec	431.2	6.27	27.04	6797.4	353.25
Barbara of Bayside 41141	D	232	Dec	697.9	5.32	37.13	6938.4	320.52
Fernwood's Hazel of Bayside 27997	A	214	Dec	635.9	4.60	29.25	5924.2	253.49
Glenrose of Bayside 57499	G	50	Dec	870.3	3.88	33.77	1415.6	54.27
Glenwood's Chesterbrook of Haddon 27665	A	214	Dec	793.8	4.74	37.63	8845.3	363.23
Glenwood's May Rose of Bayside 53491	G	213	Dec	535.7	5.20	27.86	4325.8	209.22
Maud of Bayside 53859	G	133	Dec	594.7	4.92	29.26	3442.4	161.38
May Queen of Bayside 54600	G	92	Dec	631.6	5.01	31.65	2303.8	103.92
Noblesse of Bayside 45129	E	153	Dec	540.7	5.56	30.07	2964.2	152.44
Nubiana Glenwood of Haddon 27995	A	54	Dec	992.8	3.67	36.44	1845.5	72.00
Princess Nora of Bayside 53858	G	122	Dec	618.4	4.96	30.67	2825.0	133.71
FAHNESTOCK, WILLIAM, KATONAH, N. Y.								
Jennie of Meadowbrook 28027	A	294	Jan	462.4	3.83	17.71	7982.1	323.54
FOX, A. W. & F. E., WAUKESHA, Wis.								
Arabelle of Waukesha 48911	G	341	Dec	352.7	5.79	20.42	5775.2	296.67
Beatrix Talladeen 46237	E	214	Dec	500.7	5.81	29.09	4489.4	223.92
Bridget's Sequel 29798	A	346	Dec	736.1	5.87	43.21	10852.8	537.54
College Girl's Promise 55660	G	214	Dec	372.8	6.40	23.86	3146.9	178.99
Dairymaid of Waukesha 38053	A	72	Dec	1411.6	4.65	65.64	3165.5	143.34
Duke's Ellis of Spring City 35863	A	345	Dec	716.6	4.64	33.25	11138.7	464.80
Imp. Maid of Richmond 33805	A	199	Dec	964.6	5.47	52.76	7030.5	343.49
Matinee Girl 2d 48145	G	366	Dec	84.7	4.82	4.08	8170.1	395.72
Pleasure's Promise 43528	E	366	Dec	237.9	5.87	13.96	6325.0	314.67
Stranford's Talladeen 45089	E	306	Dec	515.5	7.38	38.04	6503.8	393.46
FRUIT BROS., WAUKESHA, WIS.								
Duchess of Maple Hill 56783	G	72	Dec	1043.3	4.84	50.50	2365.1	109.52
Lady of Maple Hill 2d 56083	G	23	Dec	829.1	3.73	30.93		
Lady's Girl of Maple Hill Farm 55007	G	77	Dec	896.1	5.03	45.07	2287.3	110.20
Lillian of Maple Hill Farm 55008	G	90	Dec	1410.3	4.27	60.22	3675.3	161.63
Lura's May of Maple Hill 44844	E	241	Dec	952.4	4.93	46.95	9534.0	435.72
May King's Duchess 39590	A	58	Dec	1246.2	4.91	61.19	2286.7	112.59
GATES, R. D., NOVELTY, OHIO								
Allen's Beauty 31105	A	194	Mar	808.0	4.91	39.67		
		224	Apr	618.1	4.80	29.67		
		255	May	830.0	4.25	35.28		
		285	June	809.8	4.57	37.01		
		316	July	659.8	5.24	34.57		
		347	Aug	643.7	5.34	34.37		
		366	Sept	217.0	6.19	13.43	10261.0	496.60
Cora's France of Walnut Glens 39885	C	12	Apr	353.0	3.99	14.08		
		43	May	1105.0	5.10	56.36		
		73	June	1061.8	4.89	51.92		
		104	July	1033.7	4.28	44.24	3553.5	166.60
Mabel Beth 38924	A	29	June	1070.8	4.66	49.90		
		60	July	1137.5	4.25	48.34	2208.3	98.24
Nellie's France of Walnut Glens 42427	D	30	Apr	1218.8	4.24	51.68		
		61	May	1385.6	3.71	51.41		
		91	June	1281.8	4.10	52.55		
		122	July	1197.1	3.98	47.64	5083.3	203.28
Princess France of Walnut Glens 36738	A	147	Mar	959.1	5.11	49.01		
		177	Apr	938.5	4.71	44.20		
		208	May	1048.9	4.21	44.16		
		238	June	997.8	4.51	45.00		

technical knowledge is taken from the busy farmers' shoulders and transferred to the representative of the testing association.

The man who has entered his herd in the cow-testing association not only is enabled to get rid of the expensive "boarders," but also finds himself in a position to secure much more favorable prices for the other animals when he cares to sell.

Mr. Negley, in our Jan. 13 issue, says that the cow-testing work tests not only the cows, but the bulls and the feed, and behind it all the men. This is all very true, but I think we can go further. Anything is well worth while that adds legitimate zest to our lives.

Cow-testing is a game which can be played for money with the risk and immorality eliminated, for every fellow who plays it correctly will win, and what he wins no one else loses. I sincerely hope that the movement will gain headway rapidly. It is worth while.

La Salle Co., Ill. J. R. BENT.

Brother Bent knows whereof he speaks, for the production of his own Guernseys has been built up by testing, at first done by Bent himself, and later by the La Salle County Cow Testing Association.—Editor.

—PRAIRIE FARMER

Sells Bull to University of Illinois

Drew Ten Broeck, McLean, Illinois, reports the sale of Pride II. of the Marais's May King 32698 to the University of Illinois at Urbana.

Pride II. of the Marais's May King 32698 is by Langwater May King 13001 and out of Imp. Pride II. of the Marais 28425, which has a record of 14767.2 pounds of milk and 690.94 pounds of butter fat.

Another Guernsey Breeder's Cows Lead La Salle Better Farming Association

The highest producing cow in the La Salle Association for January is a Guernsey owned by Sass Brothers of Streator, Illinois. She produced 80.4 pounds of butter fat for the month and 1517 pounds of milk. This is the first month the honor has failed to go to a Guernsey in the herd of Bailey Falls Farm at Oglesby.

The herd average for sixty-two cows in the Bailey Falls Farm herd is 29.7 pounds of fat and for twenty-two cows in Sass Brothers herd, 27.4 pounds of fat.

Indiana

Guernsey Breeders at the Indiana Dairy Convention

At the Indiana Dairy Convention, which was held at Lafayette on January 11 and 12, much enthusiam was shown in the Guernsey cow. Hoard's Dairyman comments as follows:

"Unusual interest was shown in the Guernsey camp. In addition to a number of most interesting addresses by breeders from various parts of the state, those present had the opportunity of hearing Charles L. Hill of Wisconsin, trace the history of the Guernsey breed from early times down to the present. His illustrated lecture of this subject is a treat to dairymen who are interested in the breeding of Guernsey cattle. The meeting was well attended and plans were made to increase the activities of the association during the coming year.

Kansas

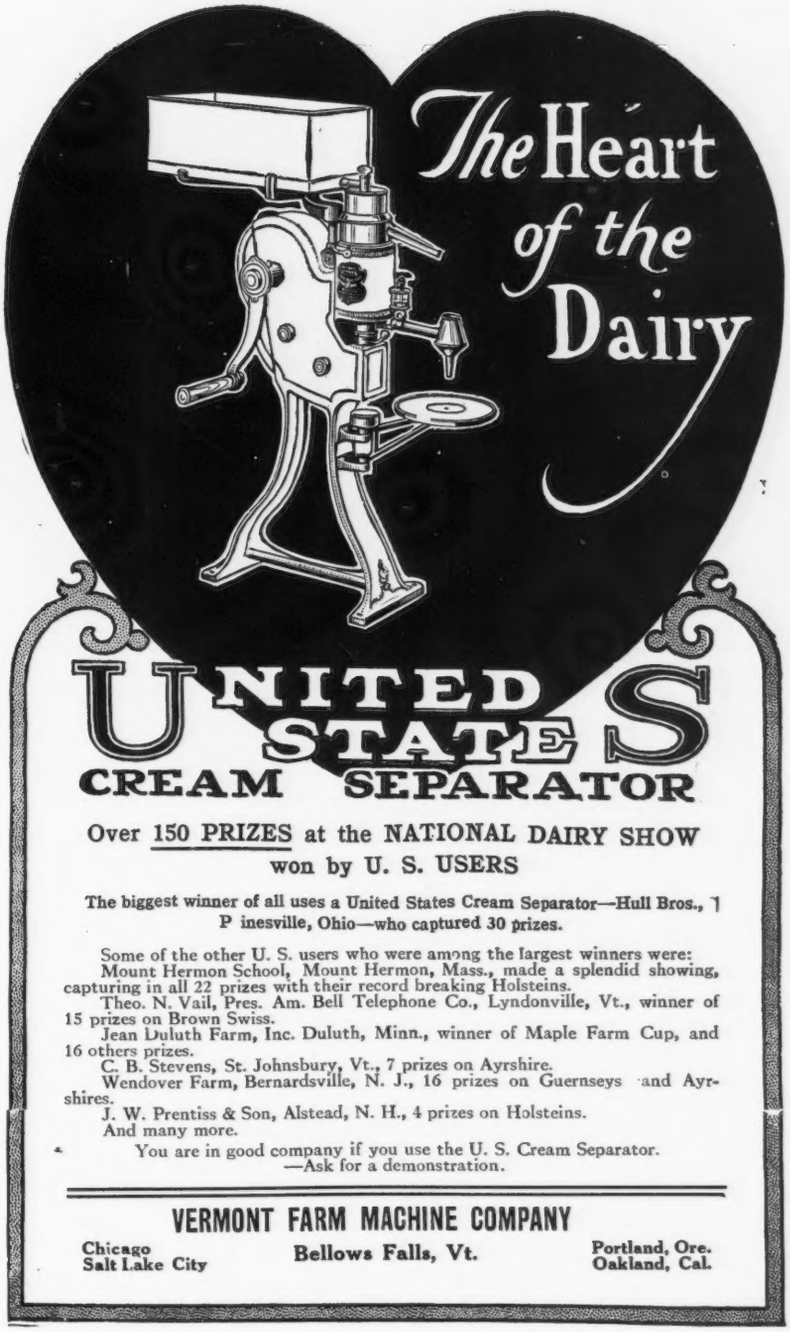
Grade Sale Averages $90

The first public sale of Guernsey cows was held in Bourbon county yesterday at the Ben Brown dairy, east of Fort Scott. The bidding was not brisk, and prices bid on young stuff were so low that Mr. Brown refused to sacrifice it and declared the sale off. However, most of his Guernsey herd of mature cows and heifers in milk were disposed of. Several cows sold for upwards of $100, the highest price being $130 for a prime Guernsey cow which was bought by Seigel McKinness. Mr. McKinness bought several head of the top notchers of the herd.

The average price of those sold was something over $90. Mr. Brown decided, in view of the seeming lack of demand for young stuff, that he would hold his young heifers until spring, when feed is not so scarce as to seriously bear the cow market.

All the pure breds advertised for this sale except one were bought by R. C. Krueger, the big Guernsey breeder of Burlington. Without exception the pure breds passed the tuberculin test. Mr. Krueger has the most valuable Guernsey herd in Kansas, he having been many years breeding it up and selecting it from the best herds of the country.

—Fort Scott Monitor



		269	July	988.6	4.41	43.60		
		300	Aug	929.9	4.68	43.52		
		330	Sept	795.5	5.40	42.96		
		361	Oct	719.0	5.69	40.91		
		366	Nov	95.6	5.69	5.44	11706.7	556.59
Spencer's Beauty 28020	A	274	Apr	641.8	5.01	32.15		
		305	May	648.3	4.51	29.24		
		335	June	185.7	4.33	8.04	9743.0	461.35
Squire's Beauty of Walnut Glens 52245	G	50	Apr	924.4	4.78	44.19		
		81	May	910.9	4.55	41.45		
		111	June	876.7	4.94	43.31		
		142	July	887.5	4.90	43.49	4151.9	197.13
GRINNELL, LAWRENCE, SOUTH DARTMOUTH, MASS.								
Langwater Honesty 49479	G	345	Dec	714.3	4.65	33.21	10079.7	492.83
Triple Champion's Daisy 51957	G	130	Dec	608.6	3.99	24.28	3210.9	141.84
HASKELL, J. AMORY, RED BANK, N. J.								
Florham Ivy 49031	F	319	Jan	700.1	5.62	39.35	9201.4	435.62
Lactea of Oak Hill 36402	A	289	Jan	441.9	5.72	25.28	7312.6	353.33

Lady Glenco of Oak Hill 46325	D	5	Nov	166.0	5.16	8.57		
		36	Dec	1176.4	5.16	60.70		
		67	Jan	1060.2	4.84	51.31	2402.6	120.58
Lavinia of Oak Hill 36400	A	250	Jan	856.9	6.19	53.04	10287.9	529.34
Newtown Maid of Oak Hill 38953	C	301	Jan	566.1	6.33	35.83	8380.3	463.41
HEID, W. J., FORT ATKINSON, WIS.								
Casterilius's Hazel 25076	A	10	Nov	369.9	5.42	20.05		
		41	Dec	1316.7	5.42	71.37	1686.6	91 42
Gloria of Lake Bluff 36321	A	20	Nov	795.7	5.36	42.65		
		51	Dec	1290.2	5.36	69.15	2085.9	111.80
Glorious Hazel 34442	A	16	Dec	718.7	5.52	39.67		
HENDEE, GEORGE M., SUFFIELD, CONN.								
Imp. Albinia 14th 65699	G	31	Dec	969.8	4.49	43.54		
Imp. Jenemies' Miranda 65748	G	61	Dec	794.2	4.42	35.10	1589.9	70.19
Imp. Miss Nellie of the Lohiers 65733	F	61	Dec	753.1	4.67	35.17	1481.3	65.32
Imp. Prudence of Le Douit II. 66987	F	31	Dec	788.6	4.20	33.12		
Imp. Topsy of Goodnestone 3d 53967	B	52	Dec	1253.7	4.96	62.18	2040.3	103.95
HICKS, GEORGE J., SAGINAW WEST SIDE, MICH.								
Belle S. of Saginaw 49414	G	166	Dec	762.5	6.20	47.28	5035.8	228.87
Nakena of Sunset Lodge 29487	A	275	Dec	531.3	4.17	22.16	7077.7	290.41
Imp. Queen III. of les Nicolles 45961	A	300	Dec	718.7	4.53	32.56	9712.4	430.66
HILL, CHARLES L., ROSENDALE, WIS. 1 day test								
Annabel of Sarnia 34590	A	366	Jan	179.7	4.41	7.92	9797.3	429.35
Imp. Ariadne of Sarnia 40210	A	276	Jan	522.9	5.69	29.75	6765.0	332.66
Imp. Cypress of Sarnia 53729	C	126	Jan	815.6	4.18	34.09	3609.7	150.64
Imp. Primula of Sarnia 40207	A	337	Jan.	455.2	6.85	31.18	6941.0	386.99
HOARD, A. R., FORT ATKINSON, WIS.								
Blossom of Koshkonong Place 2d 42947	E	366	Dec	310.2	6.03	18.71	6823.7	382.71
Bonnie of Koshkonong Place 48652	E	10	Dec	274.2	4.56	12.50		
Dearie of Koshkonong Place 49902	F	55	Dec	872.2	4.47	38.99	1542.0	73.35
Idyl of Koshkonong Place 48151	F	122	Dec	689.2	4.74	32.67	3015.4	137.86
Imp. Ivy of Koshkonong Place 35646	A	61	Dec	1030.1	4.30	44.29	2057.9	90.44
Ione of Koshkonong Place 49898	G	239	Dec	589.0	5.42	31.92	4740.6	239.71
Imp. La Manselle of Koshkonong Place 35647	A	306	Dec	448.9	4.62	20.74	8855.6	404.50
Leah of Koshkonong Place 49899	G	268	Dec	455.3	5.26	23.95	5027.3	245.42
May of Koshkonong Place 48651	F	55	Dec	845.4	4.80	40.58	1458.5	65.10
Myra of Koshkonong Place 48154	E	15	Dec	379.5	5.49	20.83		
Pet of Koshkonong Place 48653	G	366	Dec	296.4	6.63	19.65	6314.6	359.67
Romance of Koshkonong Place 48152	G	366	Dec	431.4	5.19	22.39	7185.8	362.28
HOARD, HALBERT W., FORT ATKINSON, WIS. 1 day test								
Anna of Prospect 47674	G	366	Dec	34.6	6.54	2.26	6751.0	344.93
HOARD, W. D. FORT ATKINSON, WIS. 1 day test								
Butterpat of Prospect 49505	F	83	Dec	707.4	4.85	34.31	1864.1	85.20
Chum of Prospect 42294	D	135	Dec	658.7	5.20	34.25	3412.8	175.70
Content of Prospect 54491	G	17	Dec	349.5	4.97	17.37		
Hilda of Prospect 49681	G	262	Dec	389.7	5.14	20.03	4374.4	211.81
Melody of Prospect 54490	G	25	Dec	475.9	5.37	25.56		
Norine of Prospect 46715	F	291	Dec	521.6	6.11	31.87	6341.1	321.16
Sally of Prospect 49680	G	171	Dec	438.1	5.50	24.10	2920.0	151.79
Sedate of Prospect 53987	G	59	Dec	818.4	4.70	38.46	1419.1	64.89
HOLTON, MRS. GEORGE E., CASTASAUQUA, PA. 1 day test								
Imp. Beauty of the Clos Hoguet 32052	A	153	Dec	811.4	5.04	40.89	4433.2	200.38
Kate Pie of Willow Brook 35381	A	170	Dec	678.9	4.38	29.74	4273.0	181.86
Kate Pie of Willow Brook 2d 46489	E	169	Dec	789.5	3.65	28.82	4402.5	179.39
Penuchie of Riverside Farm 37030	B	366	Dec	44.3	4.99	2.21	11490.3	522.97
Sunderland's Salome 45989	D	150	Dec	687.1	4.72	32.43	3818.9	179.45
HOOKER, W. R., NOKESVILLE, VA.								
Ellen M. of La Grange 53673	C	11	Oct	198.1	5.86	11.61		
		41	Nov	467.9	5.53	25.87		
		72	Dec	447.4	5.93	26.53	1113.4	64.01
Jessie M. of La Grange 47537	C	11	Oct	297.0	4.68	13.90		
		41	Nov	693.7	4.96	34.41	990.7	48.31
HUTCHINS, F. S., OREGON CITY, ORE. 1 day test								
Brookside Princess 30087	A	248	Nov	470.4	5.10	23.99		
		279	Dec	521.8	5.67	29.59	6268.2	301.31
Princess Bernice 52469	G	203	Nov	571.7	4.85	27.73		
		234	Dec	622.2	5.25	32.67	5304.5	230.96
Princess's Elsie May 45876	E	153	Nov	536.8	5.36	28.77		
		184	Dec	565.1	5.60	31.65	3912.0	181.48
INGALLS, G. R., EAU CLAIRE, WIS.								
Marquette's Lily Maid of Ingalnook 55174	G	182	Dec	644.5	5.89	37.96	4265.3	218.34

Mr. Krueger writes:

"The pure breds in this sale were advertised to be sold at auction subject to any previous private sale.

"There were eight head of females, most all of them by a grandson of Golden Secret 12599, and out of Governor of the Chene 1297 P. S. strain foundation cows.

"They were all sold at private sale. I bought all of them except one. My senior herd bull is a Masher's Sequel 11462 and my junior herd bull is a May Rose so the females fit into my herd very nicely.

"I did not buy any of the grades for I am breeding only pure breds on account of the limited stable room.

"While in California I visited some breeders both near Frisco and in the southern part of the state. At Santee I had the pleasure of seeing the Edgemoor Farm and herd, owned by Walter Dupee, of San Diego. Unfortunately, the day that I planned to visit the herd, the 'phone exchange at Cajon connecting the farm had burned out the night before, so I was compelled to go out unannounced. The result was, that I did not get in touch with Mr. Dupee or his superintendent, though I met a gentleman by the name of Allen who was very courteous and gave me his time, showing me the herd and buildings. This trip to Santee was very enjoyable to me for every reader of the JOURNAL knows there are many prize winners in the herd. Californians are fortunate to have such a good herd near from which to select breeding stock."

Kentucky

Fawn Leap Farm buys Pure Bred Sire

W. B. Cogar, Midway, Kentucky, writes that he has purchased the bull, His Majesty of Maple Glen 27870 and expects to buy a few pure bred females and in this way get into the pure bred business.

The South is opening up very encouragingly for the Guernsey cow. Many letters requesting the names and addresses of breeders from whom they can secure foundation stock come to this office daily.

Massachusetts

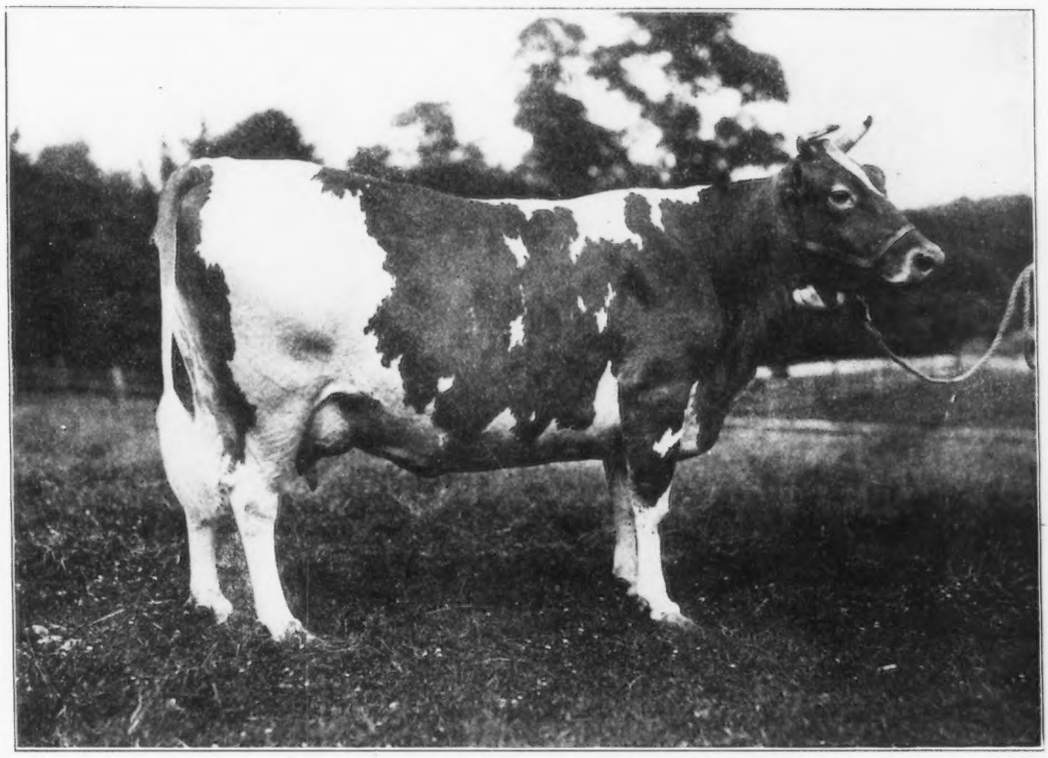
Eastern States Exposition

Announcement is made by John C. Simpson, general manager, that the first annual Eastern States Exposition will open Monday, October 8, 1917. The new plant at Springfield, Massachusetts, was dedicated last October

HARBOR HILL

Home of the Linden Girls

A FAMILY OF PERSISTENT PRODUCERS



LINDEN GIRL 42762 A. R. 3607

11945.7 lbs. milk; 594.53 lbs. fat at 3½ years. Retest: 14681.9 lbs. milk; 747.47 lbs. fat at 4½ years

The Breed's Eighth High Record in Class B

At the 1916 National Dairy Show, after milking more than a year, she was awarded **Second Prize** in the special by the Massachusetts Society for Promoting Agriculture for Best Advanced Register Cow two years old or over, bred and owned by exhibitor.

SIRE	DAM
Masher's Galore 8572 A. R.	Linden Girl of Harbor Hill A. R. 1382

Her two-year-old daughter milked up to 37 lbs. a day
Her son, Linden Lad of Harbor Hill 39247, is one of our Junior Herd Sires
Due April 19th to the service of Glenburnie Galore 34286

In Succeeding Issues we will tell you about Her Two Full Sisters

CLARENCE H. MACKAY
Owner

Address all Inquiries to
C. H. HECHLER, Supt.
Roslyn, Long Island, N. Y.

May King of Linda Vista 17946

Pedigree of the May Rose Bull, May King of Linda Vista 17946

Born August 1, 1910

In securing this wonderful double grandson of May Rose King (out of his highest testing daughter), we believe we have one of the greatest Guernsey bulls living today.

He traces three times to May Rose 2d 3251 P. S. 1st prize over Guernsey in 1896 and 1897. 1st in England in 1897 and is the progenitor of many famous animals, whose descendants are probably more in demand today than any other Guernsey cow.

He carries 28¼% of her blood and 50% of the blood of the peerless May Rose King 8336, who is not exceeded by any other Guernsey bull having more daughters with records over 700 lbs. fat. His ten leading daughters average 705 lbs.

May King of Linda Vista represents individuality and production, as will be seen by the list of prizes taken by himself and his offspring, namely:

1st prize senior and grand champion, North Dakota State Fair, 1914, in strong competition.

Sire of: the first prize breeder's young herd at Minnesoto, Montana, North Dakota and the Interstate Fairs.

Sire of: the first prize calf herd at Minnesota, Montana, North Dakota and the Interstate Fairs.

He sired the grand champion bull and grand champion heifer of two state fairs in 1915.

He sired the Sweepstakes bull at the Northwestern Fair in competition with all leading dairy breeds.

Sire of: the silver cup winners at North Dakota State and at the Interstate Fairs in open competition with all dairy breeds.

Sire of: Williams' May Rose 26836, who was three times grand champion, five times first in 1915 and member of unbeaten junior herd.

Sire of: Starlight's Excelsior of Jean Du Luth 30157, the unbeaten junior champion of 1915, who headed the unbeaten junior herd.

Sire of: Carrefour May Rose 57905; Sequel's May Rose 52818; May Rose Conqueror 33380; May Rose Yeksa Starlight 33918, and Cordelia's May Rose 57498, that were consistent first prize winners.

Sire of: Rose Mar 56837, that stood second in her class.

Sire of: May King Starlight 29916, that stood second to his three-quarter brother at Minnesota in a class of 17 bulls.

May King and his herd mates won more first prizes than any other herd of Guernseys shown in 1915 and his get were unbeaten.

Two of May King's heifers sold at the Hope Auction in 1916 for $1550.00 and $1500.00.

Bought for $4600.00 the highest price ever paid for a Guernsey bull.

THE OAKS FARM

COHASSET, MASS.

N. Y. N. H. & H. R. R.

C. W. Barron, Owner **W. S. Kerr, Manager**

ROCKY REACH FARM

NORWELL, MASS.

Greenbush Station N. Y. N. H. & H. R. R.

A. L Lincoln, Owner **H. S. Taylor, Manager**

MAY KING OF LINDA VISTA 17946

LANGWATER MAY KING 13001 A. R.
Sire of
Sister May of Linda Vista 34647, Adv. Reg. 2424; record 423.00 lbs. fat at 2 years.
Rosabel of Linda Vista 34648, Adv. Reg. 3342; record, 547.73 lbs. fat, at 2½ years.
Moss Rose of Linda Vista 38013; Adv. Reg. 3430; record 515.52 lbs. fat at 2 years.
Senior Herd Bull at Anna Dean Farm, by whom he was bought for $3600.00.

UEEN OF THE ROSES 24999
Adv. Reg. 1091
10034.81 lbs. milk;
511.03 lbs. fat
at 2 years.
12223.25 lbs. milk,
604.94 lbs. fat
at 3½ years;
17754.10 lbs. milk,
852.86 lbs. fat,
at 7 years.
Highest record daughter of Imp. May Rose King 8336 A. R.
A cow who made more than her own weight in butter fat in a year, and who weighed more after her year's test than when she started.

IMP. MAY ROSE KING 8336 A. R.
Sire of—

	A. R.	Lbs. Fat
Queen of the Roses	1091	852.86
Rosa Rubra	1741	788.90
Anton's May Rose	1926	766.00
Florham Daisy	792	747.08
Fashion Plate	642	667.41
May Rose Queen	1911	667.11
Rutila's May Rose	142?	655.93
Comely Rose	1408	641.79
Country Maiden II.	2692	639.83
Florham Pride	932	626 03
Southern Rose	487	583.00
May Rose of Kent	1486	556.56
Queen of May Rose	2153	539.30
Pride of Place	1791	531.26
Rose King's Laverna	2717	503.23
Florham May Rose	494	483.41
Beldame II	1887	480.37
Rose of Gold	493	435.47
Rose of York	492	384.69
Pride's May Rose	1213	367.31
Morven's May Rose	601	364.38

21 daughters with average records of 11652 lbs. milk, 584.85 lbs. fat.
All daughters now living have qualified for the Advanced Register.
Sixty grand daughters with average records of 509.7 lbs. fat.
Bought for $3500 in England.

IMP. LA BELLE PETITE 18114 A. R. 793
Record: 12311.20 lbs. milk, 547.8 lbs. fat. Class D. Retest 6043 lbs. milk; 252 lbs. fat in 112 days.
Dam of Langwater Dorothy. A. R. record: 16099.70 lbs. milk, 781.65 lbs. fat. (Second in Class D).

IMP. MAY ROSE KING 8336 A. R.
(see above)
Leading sire of 700 lbs. fat cows.
Ten of his daughters average 705 lbs. fat.
Sire of Imp. King of the May 9001, A. R.
Sire of—

	A. R.	Lbs. Fat	Lbs. Milk
Langwater Dorothy	1822	781.65	16099.70
Langwater Hope	1978	773.59	15078.80
Langwater Rosie	1563	724.23	15083.00
Langwater Princess	1044	651.19	12280.50
Langwater May Queen	1043	592.84	11275.70
L. Early Rose of Raritan	3120	567.10	10730.20
Langwater Daisy	1042	557.55	10710.30
Langwate May Rose	683	530.06	9212.50
Langwater Feloise	684	529.81	9445.90
Langwater Milkmaid	1527	510.05	9550.20
Langwater Francaise	3034	506.83	11118.20
Sister Sue of L.	2361	469.60	10290.70
Hayes Queen May	675	501.40	10197.30

And 4 others, the average for the 17 being 572.50 lbs.
Six sons have A. R. progeny.
Sold for $2,000.00 when six months old.

IMP. GRACE OF LILYVALE 18915
Half sister to Itchen Royal Rose. 497 lbs fat.
Itchen Spot II, 444 lbs. fat.

ITCHEN JEWEL, E. G. H. B. 1112
3d Prize B. & W.
2d Prize Royal Counties, 1899
Sire of—
Royal Rose of Easton 15483, A. R. 147.
Record: 517.8 lbs. fat.

MAY ROSE II. 3251 P. S.
(Claremont May Rose 3648 E. G. H. B.
First over Guernsey in 1896 and 1897.
First over England in 1897.
Milked from 48 to 55 lbs. a day when 16 yrs. old.
Dam of
PARADOX 352 E. G. H. B.
First prize Bull at nearly all English shows, 1890, 1891, 1892.
OUR PARADOX 873 P. S. who sired IMP.
LOVE KNOT 14441, that milked 64 lbs. a day for Florham Farm, and averaged 50 lbs. daily for 100 days.
ROSE OF GOLD 3668 P. S.
First Prize over Island 1898
First Prize and Champion 1902
First Prize London Dairy Show 1901
and dam of
GOLDEN SECRET 12599 A. R.
First Prize over Island 1903
MAY DAY 1132 E. G. H. B.
First prize and champion Royal Counties Show, 1898.
First Prize Bath and West 1899
and sire of
ITCHEN DAISY III 15630
A. R. record 13636.80 lbs. milk
714.10 lbs. fat and
ITCHEN VERBENA 5501 E. G. H. B.
Record 13673.75 lbs. milk.
673.25 lbs. fat.
ITCHEN MAY ROSE 4839 E. G. H. B.
dam of
ITCHEN RED RAIDER 27342
MAY ROSE II is the progenitor of many famous animals whose descendants are more in demand than any other Guernsey cow.

IMP. MASHER'S SEQUEL 11462 A. R.
Sire of 73 A. R. daughters, more than any other Guernsey bull, includes Pride II of the Marais, 690 lbs. fat. One of the greatest sires of the dairy breeds.

IMP. LA BELLE FRANCESCA 16689 A. R. 295
A. R. record, 388 lbs. fat.
2d prize over Guernsey, 1903
Daughter of La Belle France, first over Guernsey for six years
Dam of Itchen Jewel, E. G. H. B. 1112

ITCHEN JEWEL E. G. H. B. 1112
(See above)

MAY ROSE II. 3251 P. S.
(See above)

GOLDEN SECRET 12599 A. R.
1st prize over Island, 1903
Son of Rose of Gold, famous prize winner, and daughter of May Rose II.
Sire of 9 A. R. daughters and 7 A. R. sons, and Grandsire of:
Queen of the Roses 24999. A. R. record: 852.86 lbs. fat.
Langwater Hope 27946. A. R. record: 773.59 lbs. fat at 2½ yrs.
Nella Jay 4th 38233. A. R. record: 732.97 lbs. fat at 2 yrs.
(The two latter are now exceeding these records on retest.)

GRACE OF LILYVALE 4881 P. S.
Daughter of Columbia, who sired Golden Secret.

JACKSON, R. B., BIRMINGHAM, MICH.								
Imp. Princess of the Rouvets II. 32068	A	148	Nov	651.5	4.43	28.86		
		179	Dec	656.2	4.62	30.32	4767.1	202.13
JAMISON, W. G. & SON, APPLETON, WIS.								
Apple Blossom of Homestead 45357	E	269	Nov	408.2	5.82	23.76		
		300	Dec	422.2	5.14	21.70	6684.2	321.85
Ella of Homestead 52246	F	20	Oct	545.9	4.67	25.49		
		50	Nov	793.4	4.76	37.77		
		81	Dec	779.3	4.99	38.89	2118.6	102.15
Golden Tidy 2d 55114	G	26	Oct	750.2	5.00	37.51		
		56	Nov	830.9	4.45	36.98		
		87	Dec	845.3	4.63	39.14	2426.4	113.63
Lilly of Homestead 37827	B	143	Nov	1017.1	5.17	52.58		
		174	Dec	974.7	5.40	52.63	6707.3	329.80
Lilly of Homestead 2d 53297	F	72	Nov	587.3	5.28	31.01		
		103	Dec	549.0	5.45	29.92	2034.7	106.20
Lyda of Homestead 37184	C	278	Nov	680.0	5.54	37.67		
		309	Dec	692.0	5.20	35.98	8966.6	453.09
Queen Greta 46435	C	317	Nov	593.5	6.85	40.65		
		348	Dec	528.0	6.82	36.01	9555.8	562.92
Raymond's Tidy 48811	G	323	Nov	542.9	6.14	33.33		
		354	Dec	449.3	6.33	28.44	8274.7	430.06
Tidy of Homestead 37183	A	9	Oct	315.1	4.64	14.62		
		39	Nov	1247.9	4.64	57.90		
		70	Dec	1214.2	5.21	63.26	2777.2	135.78
JONES, WILLIAM M., WAUKESHA, WIS.								
Castello's Beauty 2d 41107	D	358	Nov	349.4	6.64	23.20		
		366	Dec	87.6	6.64	5.82	9150.9	504.27
Elizabeth's Beauty 28104	A	13	Nov	461.8	4.89	22.58		
		44	Dec	1327.4	4.33	57.48		
		75	Jan	11233.9	4.33	53.43	2023.1	133.49
Lizette's Beauty 38496	B	100	Nov	788.6	6.15	48.50		
		131	Dec	737.8	6.53	48.18		
		162	Jan	637.1	6.73	42.88	4689.6	295.81
Royaline's Dora 2d 50836	G	255	Nov	818.2	5.56	45.49		
		286	Dec	890.7	5.72	50.95		
		317	Jan	880.4	5.62	49.48	10363.4	523.91
Yeksa's Tops of Gold's Fannie 2d 49103	G	252	Nov	1068.2	4.76	50.85		
		283	Dec	1112.0	4.36	48.48		
		314	Jan	1094.7	4.09	44.77	11984.5	499.21
KANSAS STATE AGRICULTURAL COLLEGE, MANHATTAN, KAN.								
Imp. Flower of the Fontaines 39923	A	258	Nov	662.1	5.14	34.03		
		289	Dec	655.7	5.00	32.79	7516.8	353.64
Glenwood Rosa 25341	A	84	Dec	912.1	5.34	48.71	2717.8	132.66
Imp. Golden Chance II. of Ashburton 66993	G	90	Dec	990.0	4.76	47.12	2746.8	122.58
Imp. Lucy II. of Corbinez 67016	G	69	Dec	876.3	4.70	41.19	1904.9	88.10
Masher's Victor's Countess 52729	G	218	Dec	442.5	5.54	24.51	3615.9	179.50
Imp. Rosy VII. de la Vieile Rue 39650	A	249	Dec	549.9	5.57	30.63	6481.2	297.63
KEENAN, M. G., ONEONTA, N. Y.								
Fawnetta of Sycamore 61046	G	14	Nov	255.2	5.27	13.45		
		45	Dec	627.1	5.27	33.05	882.30	46.50
Frolic's Favorite 19981	A	87	Nov	1107.5	4.60	50.95		
		118	Dec	1001.2	3.94	39.45	4266.8	187.73
Raymond's Fashion 43443	D	275	Nov	422.6	5.75	25.30		
		306	Dec	413.9	6.44	26.66	5831.0	311.39
KLEMM, WALTER F., MALVERN, PA.								
Fairy of Byfield 47216	G	358	Oct	424.3	6.17	26.18		
		366	Nov	88.7	6.17	5.47	8426.7	454.82
LEHMANN, O. W., LAKE VILLA, ILL.								
Azucena's Sunbeam 39951	B	54	Dec	954.0	4.68	44.65	1721.0	81.08
Dena of Hillhurst 34433	A	61	Dec	1247.8	3.92	48.91	2495.2	106.54
Evea of Hillstead 29343	A	61	Dec	709.3	6.58	46.67	1592.5	87.03
Imp. Jane of Ampthill 7th 41331	A	306	Dec	733.4	5.84	42.83	9218.9	478.42
Imp. Rose of les Prevosts II. 41624	B	306	Dec	799.7	4.84	38.71	9743.8	430.87
Vashon France 41080	C	245	Dec	568.2	4.89	27.78	6012.7	284.59
LEWIS, HARRY W., WINNECONNE, WIS. 1 day test								
Imp. Hayes Snowdrop 4th 44967	A	29	Dec	926.6	5.09	47.16		
		60	Jan	1032.1	5.09	52.53	1958.7	99.69
Imp. Snowdrop 2d 67853	A	26	Dec	870.7	3.65	31.78		
		57	Jan	1013.9	3.65	37.01	1884.6	68.79
LIEBER, OTTO R., INDIANAPOLIS, IND.								
Betty of Wiscinda Farm 37564	C	239	June	854.6	4.47	38.20		
		270	July	785.2	4.30	33.76		
		301	Aug.	696.3	4.35	20.29		
		331	Sept	568.3	4.33	24.61		
		362	Oct	508.9	4.60	23.41		

by the National Dairy Show with exhibits of cattle and machinery and was attended by crowds that broke all dairy show records. New England and the eastern states showed so plainly that they want a great annual fall exposition that the management predicts an institution within a short time that will rank with the greatest in the country.

The exposition next October, in addition to making a big feature of the dairy interest, will comprise as far as practicable all other phases of the agricultural and live stock industries. The boys' and girls' clubs will have a prominent place, and there will be a series of conventions and meetings of special interest to all classes of farmers.

The recreational and amusement features will be those of all high class expositions, including five days of horse races, auto races, aeroplane flights, firewroks, band concerts, etc. The exposition will run at least a week; whether longer is not yet decided.

Michigan

Guernsey Calves Selected by Bankers for Calf Club Work

The following letter comes from one of our subscribers in Michigan and shows what progress the Guernsey is making in Newaygo County:

"At a group meeting of bankers held at Fremont, Michigan, February 6, it was decided to organize a boys' and girls' calf club to be financed by the banks of this group. Shorthorn-Durham calves will be for those that choose the beef breed, and Guernsey calves for those that select a dairy breed.

The purchasing of these calves will be through the county agent, H. B. Blandford of Newayago County, assisted by someone from the agricultural college. It is possible that two carloads of Guernsey calves will be purchased to be sold to the boys and girls of Newaygo County and vicinity. The boys and girls are to give their notes for one year and if they are not able to pay then, more time will be given. We think this will do more to attach the boys and girls to the farm than all the theory we have had in the last ten years.

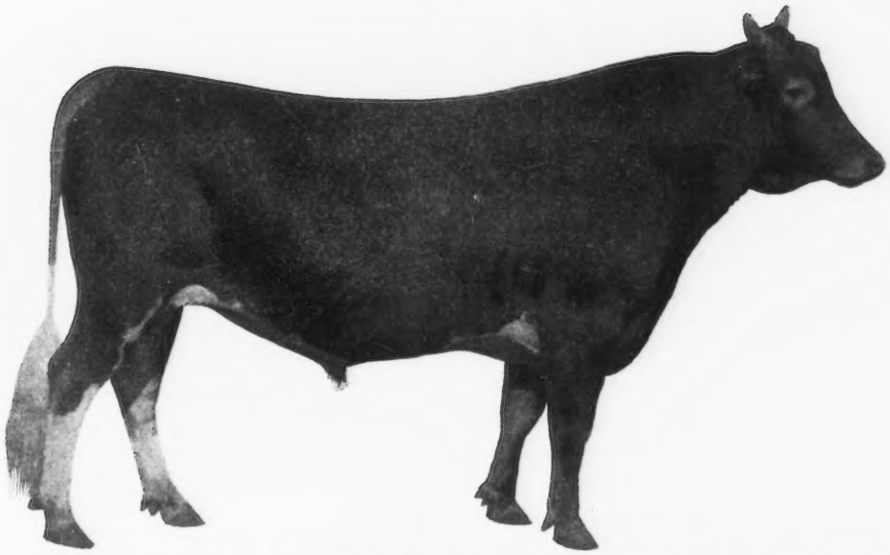
Guernseys are Profitable in Michigan

We are in receipt of a picture showing the foundation herd of six cows and one bull, with which John Ebels of Holland, Michigan, started in the Guernsey breeding business six years

$5100.00

A WORLD'S RECORD PRICE

FOR



Ladysmith's Cherub

30760

WHY DID WE PAY IT?

BECAUSE: He is the greatest living exponent of Guernsey type.

BECAUSE: His type is the consumation of selective breeding for generations, and will breed on.

BECAUSE: We believe he will prove the most impressive sire of the breed.

BECAUSE: We wish to breed **SUPERIOR GUERNSEYS** and think he is the one bull in the World to mate with families of known production to achieve our goal—**INDIVIDUALITY** plus **PERFORMANCE**.

D. D. TENNEY
Owner

SHOREWOOD FARM

Crystal Bay, Minnesota

W. F. WHITTIER
Superintendent

		366	Nov	63.9	4.60	2.94	6499.1	287.71
Glenwood's Fantine 32974	A	239	June	904.8	3.67	33.21		
		270	July	837.0	3.89	32.56		
		301	Aug	732.9	3.93	28.80		
		331	Sept	658.5	4.19	27.59		
		362	Oct	570.2	4.56	26.00		
		366	Nov	72.6	4.56	3.31	7216.6	296.68
Junette of Wiscinda Farm 62760	G	135	June	755.6	4.54	34.30		
		166	July	682.9	4.35	29.71		
		197	Aug	651.6	4.42	28.80		
		227	Sept	595.8	4.21	25.08		
		258	Oct	581.9	4.44	25.84		
		288	Nov	560.8	4.46	25.01	6571.4	286.26
Starlight of Rosendale 16260	A	239	June	476.3	4.93	23.48		
		270	July	414.7	4.33	17.96		
		301	Aug	348.7	4.37	15.24		
		331	Sept	303.6	4.22	8.59		
		362	Oct	119.7	4.91	5.88		
		366	Nov	14.1	4.91	.69	5929.6	275.09
Waukesha's Fontennelle 24489	A	239	June	681.8	4.59	31.29		
		270	July	626.3	4.56	28.56		
		301	Aug	574.8	4.54	26.10		
		331	Sept	520.2	4.93	25.65		
		362	Oct	374.4	5.34	19.99		
		366	Nov	36.2	5.34	1.93	8486.2	387.58
Wiscinda's Nita 37563	C	239	June	937.4	4.20	39.37		
		270	July	879.9	3.96	34.84		
		301	Aug	792.5	3.84	30.43		
		331	Sept	698.5	4.38	30.59		
		362	Oct	628 4	4.45	27.96		
		366	Nov	80.8	4.45	3.60	6283.4	264.51
LORING, ALBERT C., MINNEAPOLIS, MINN.								
Beatrice of Woodend 39338	C	214	Dec	761.5	5.08	38.68	6408.9	305 20
Imp. Bel Air XIX. 49529	D	366	Dec	280.3	5.66	15.86	11786.8	527.35
Celestine McQueen of Woodend 43101	E	304	Nov	274.9	5.15	14.16		
		335	Dec	359.1	5.11	18.55	7492.4	351.23
Imp. Charmante's Beauty II. 49531	D	291	Dec	667.7	5.66	37.79	8384.6	414.72
Emerita's Maid of Woodend 47986	E	21	Dec	583.2	4.93	28.75		
Imp. Gallienne's Caradoc 49522	B	362	Dec	349.4	5.65	19.74	10933.2	485.34
Glendetta Marshall 25402	A	306	Dec	416.5	5.90	24.57	8376.7	415.51
Governor's Maid of Woodend 38706	C	366	Dec	166.2	6.89	11.45	9384.4	521.96
Ina of Elmbrook 24932	A	225	Dec	594.4	5.57	33.11	7226.4	346.89
Ivy Leaf T. 31009	A	283	Dec	441.9	6.39	28.24	7602.8	410.21
Lady Marshall McQueen 19812	A	144	Dec	633.4	6.07	38.45	3934.4	211.47
Lola Marshall of Woodend 20840	A	292	Dec	637.3	6.10	38.88	9108.2	428.43
Lolita Marshall 18441	A	207	Dec	722.6	5.18	37.43	6969.2	324.70
Mayflower Marshall 24703	A	326	Dec	509.2	6.23	31.72	9379.0	504.68
Mayflower Marshall 4th 47979	E	20	Nov	552.7	4.82	26.64		
		51	Dec	860.1	4.47	38.45	1412.8	65.09
Primana of Woodend 32242	A	322	Dec	677.4	6.03	40.85	10311.8	550.35
Imp. Primrose II. des Beaucamps 49528	C	184	Dec	782.5	5.33	41.71	5154.0	249.69
Sunbeam's Dawn 4th 27140	A	302	Dec	277.5	4.83	13.40	8254.3	366.35
Woodend Belle 47987	G	335	Dec	352.3	6.47	22.79	6073.6	327.37
LOVE, J. R. & SON, WAUKESHA, WIS.								
Imp. Billy's Pride of Arroyo 47085	E	352	Dec	653.8	6.14	40.14	10466.3	517.51
Hero's Cowslip of Hawthorn 49492	G	286	Dec	685.9	5.72	39.23	8878.4	416.87
Lily of Normandie 6th 31298	A	240	Dec	643.8	5.81	37.40	7921.2	374.82
Philip's Favorite 2nd 25522	A	352	Dec	577.0	5.85	33.75	11132.6	527.07
McBANE, W. S., E. LIVERPOOL, OHIO. 1 day test.								
Chedda's Doris of Overland View 54635	G	61	Dec	734.5	5.58	40.99	1506.3	78.19
Chedda's Fanny of Overland View 54634	G	231	Dec	493.8	5.50	27.16	4691.5	234.37
Doris W. of Edgemont 32813	A	164	Dec	478.2	5.76	27.54	3960.6	191.03
Dorla of Overland View 41859	E	304	Nov	473.0	7.06	33.39	6824.8	403.07
Fancy of Overland View 37246	B	184	Dec	570.1	5.70	32.50	5004.0	235.88
Imp. Fanny of Waddington 30741	A	302	Dec	479.5	5.09	24.41	7689.3	327.97
Imp. Monogram's Anneville Maid 34083	A	212	Dec	634.5	6.14	38.96	5930.8	279.49
Sequel of Overland View 41857	D	306	Dec	318.0	5.44	17.30	6544.3	297.28
Sunday's Tabernacle of Overland View 41858	E	335	Dec	878.6	6.24	54.82	7520.5	440.88
McKERROW, GEORGE & SONS CO., PEWAUKEE, WIS.								
Fantine of Avondale 27860	A	214	Nov	941.6	4.93	46.42	8709.6	371.39
King Yeksa's Margaret 32912	A	301	Nov	750.2	4.17	31.28	6084.3	225.34
Lady Lishman 27756	A	329	Nov	800.4	5.65	45.22	13222.7	652.52
Lady Mildred 27050	A	183	Nov	1055.3	5.29	55.83	7285.1	295.71
Imp. May Rose of the Vrangue III. 51985	F	63	Nov	1366.1	4.44	60.65	2870.6	137.08
Imp. McKerrow's Betsey of Lilyvale 55357	E	297	Nov	586.4	5.34	31.31	7563.3	327.82
Imp. McKerrow's Northern Lady 53172	D	329	Nov	604.1	5.84	35.28	9831.7	455.53

ago. The sire was Jim of Edgewater 16384, a son of Imp. Holden IV 12179 which in turn is the sire of Cherry of Edgewater 38413 and Miranda of Mapleton 30970, both Class Leaders. The dam of Jim of Edgewater 16384 is Imp. La Grande VII. du Bas Sejour 22707, an Advanced Register cow.

Mr. Ebels writes that he now has thirty females and six males in his herd and he has sold fifteen head of surplus stock at good prices. One of his cows, Rude 2d 29025 dropped twin heifer calves on February 14 of this year.

Mr. Ebels took his herd on the show circuit this past year and won a number of prizes at the Ohio, Michigan, Illinois and Missouri state fairs, besides those secured at smaller fairs.

Renews Subscription. Likes Guernseys

F. L. Irish, Owasso, Michigan, in renewing his subscription to the JOURNAL, says: "Guernseys are doing fine. I never sold as much product from three cows as I have this winter. I have seven head. I started one year ago in Guernseys and am well pleased with them."

A New Daughter of May King of Linda Vista 17946

We are pleased to report to you that our splendid show cow, Daisy de la Forge 8764 P. S., gave us a beautiful heifer this morning, February 8. This item is of special interest because it is our last calf by May King of Linda Vista 17946 A. R., which sired Duchess of Manomet 45022 A. R., 541.3 pounds of fat in class F.

We shall name the heifer Rose Queen of Jean Du Luth as she is a full sister to our junior herd bull, Marathon Rose King 37037, which won first prize as senior bull calf at the National Dairy Show, first at Fargo, Grand Forks, Janesville, Wisconsin, Burlington, Iowa, Milwaukee, Wisconsin, Springfield, Illinois and Sedalia, Missouri. Five times junior champion, and grand champion at Wisconsin over forty-three bulls.

Daisy de La Forge 8764 P. S. freshened in beautiful shape and while she has a record of 615 pounds, we intend retesting her.

—GEO. P. GROUT,
Jean Du Luth Farm.

Ads. Like

Woodlands

on this page

Bring Results

Write us for rates

Guernsey Breeders' Journal

Peterboro, N. H.

WOODLANDS FARM

OFFERS FOR SALE

WOODLAND'S ROYAL

Dropped Sept. 14th, 1916

Sire—Woodland's King Masher 31697

A Son of King Masher who has many Daughters with high records.

Dam—Woodland's Rosa 52832

A daughter of Rosa of Cherrydale 30110 the dam of Cherry of Edgewater 38413, the champion cow in Class G. Woodland's Rosa is also a granddaughter of Miranda of Mapleton 19606 the champion Long Distance Cow.

Woodland's Royal combines the blood of record Ancestry of both Sire and Dam. For prices and further information, address

W. B. JONES

Drawer O.

White Plains : : New York

North Eastern Substation at Duluth introduces Guernsey Breeding into Cook County

The first registered Guernsey blood was introduced into Cook County, Minnesota, with the purchase of the young bull, Mimosa's Excelsior of Amity Valley by Charles Bray of Hovland of the North Eastern Experiment Station of the University of Minnesota at Duluth. This place is a small port on Lake Superior, and is sixty miles from the nearest railroad station. Cook County is the extreme northeastern county of the state.

We have here another evidence of the splendid pioneering work that is being done for and with the Guernsey breed.

—M. J. Thompson, Supt.

A Profit of $660 From Eight Cows

It may be of interest to you and the Club to hear some of the results obtained the past year in the Stillwater Cow Testing Association. Paul H. Adams, a member of the association, has a herd of grade and pure bred Guernseys. His herd consists of eight cows, three of which are pure breds.

Imp. McKerrow's Olinda 53179	D	212	Nov	547.0	6.37	34.84	5404.7	251.46
Imp. Sunrise of Primrose Farm 51975	F	366	Nov	306.2	5.26	16.11	9614.2	492.23
Una's Surprise of Mapleside 50856	B	13	Oct	437.4	5.63	24.63		
		43	Nov	1149.8	5.63	64.73	1587.2	89.36
McNAGNY, ROB R., COLUMBIA CITY, IND.								
Verandess of Ulao 29241	A	16	Nov	901.2	3.85	34.70		
		47	Dec	1792.4	4.10	73.49	2693.6	108.91
MACY, V. EVERIT, OSSINING, N. Y.								
Antoinette of Chilmark 2d 48898	F	172	Jan	969.0	5.83	56.49	5486.5	294.69
Archer's Caroline of Chilmark 40860	C	276	Jan	719.4	5.59	40.21	8225.6	363.51
Beatrice of the Isles 2d 28011	A	252	Jan	1013.3	5.96	60.39	9982.6	513.96
Itchen's Antoinette 48891	E	116	Jan	1157.5	5.11	59.15	4776.2	221.34
King Masher's Lenore 48899	G	276	Jan	796.4	5.85	46.59	7810.6	388.63
Queen Itchen 52003	G	221	Jan	1078.6	5.74	61.91	7641.2	378.86
MARSH, W. W., WATERLOO, IOWA. 1 day test.								
Bopeep's Marie of Iowa 48800	F	64	Dec	812.2	5.41	43.94	1670.4	87.45
Cherub's Rose of the Prairie 54718	G	61	Dec	732.8	5.21	38.18	1503.9	68.10
Dairymaid's Jedetta of Iowa 45554	D	51	Oct	755.5	4.72	35.66		
		81	Nov	765.6	5.17	39.58		
		112	Dec	726.0	5.08	36.88	2685.2	133.67
Dairymaid of the Prairie 54715	G	24	Dec	771.5	3.87	29.86		
Dewdrop's Queen of the Prairie 57390	G	179	Dec	462.1	5.07	23.43	3375.3	152.81
Imp. Dora II. of les Marais 37737	A	335	Dec	951.2	6.58	62.59	15729.7	846.57
Flora of Iowa 40446	C	286	Dec	527.7	5.45	28.76	7118.9	346.52
Imp. Hartfield Rose of the Couture 8th 67882	G	90	Dec	604.2	5.54	33.47	1670.6	91.18
Imp. Hayes Citron 3d 44981	D	220	Dec	741.8	6.05	44.88	5967.9	325.62
Imp. Hayes Express 9th 67866	E	179	Dec	828.9	5.50	45.59	5178.7	256.51
Imp. Hayes Felois 4th 53139	A	61	Dec	1599.6	4.83	77.26	2903.1	145.04
Imp. Hayes Felois 7th 53140	A	358	Dec	392.8	6.11	24.00	11092.7	522.01
Imp. Hayes Friquet 2d 44979	D	281	Dec	639.6	5.77	36.90	7736.8	390.57
Imp. Hayes Lily du Preel 7th 67857	A	178	Dec	1055.6	5.16	54.47	6843.4	304.99
Imp. Hayes Lily du Preel 8th 44976	B	40	Dec	1144.3	4.40	50.35	1456.5	67.21
Imp. Hayes Mabel 67870	F	179	Dec	875.2	5.06	44.29	5082.0	235.94
Imp. Hayes Millie 2d 44977	D	289	Nov	819.8	6.31	51.73		
		320	Dec	832.1	6.03	50.18	11234.2	575.96
Imp. Hayes Snowdrop 7th 53142	G	366	Dec	293.0	7.28	21.33	5546.5	311.42

Jeanette of the Prairie 54716	G	61	Dec	812.1	4.72	38.33	1571.7	73.85
Imp. Jessamine of the Ponchez 52788	B	366	Dec	295.3	6.49	19.16	11422.2	611.28
Lillia of the Prairie 54722	G	225	Dec	534.7	5.24	28.02	4578.7	220.85
Lily of the Prairie 54714	G	179	Dec	634.5	6.58	41.75	3817.2	219.98
Madam Irene of The Maples Farm 43371	D	86	Dec	705.9	4.93	34.80	2212.1	111.67
Marie's Bopeep of Iowa 48801	F	89	Dec	595.4	5.14	30.60	1783.8	87.88
Imp. Roehampton Daisy 52356	E	61	Nov	1187.5	5.63	66.86		
		92	Dec	1176.1	6.37	74.92	3501.9	199.04
Roehampton Deanie 3d 52364	G	181	Dec	528.2	5.43	28.68	3832.8	201.94
Imp. Roehampton Grace Darling 52366	G	209	Dec	658.1	5.03	33.10	4552.5	206.05
Imp. Roehampton Lily of the Preel 2d 52345	A	275	Dec	874.7	4.94	43.21	9890.0	443.68
Imp. Rose des Houards 44th 67851	A	30	Nov	986.6	4.69	46.27		
		61	Dec	1010.3	4.33	43.75	1996.9	90.02
MICHIGAN AGRICULTURAL COLLEGE, EAST LANSING, MICH.								
Hopeful Lady 48834	G	297	Dec	627.6	7.54	47.32	8042.5	459.91
MIXTER, EST. GEORGE, HARDWICK, MASS.								
Annaretta of Mixter Farm 47061	A	214	Dec	731.2	4.35	31.81	6295.0	272.07
Chief's Dolly 48414	B	65	Dec	1123.6	5.66	63.60	2347.0	132.60
Chief's Hannah 48710	A	19	Dec	555.3	4.89	27.15		
Duchess Nancy of Hardwick 58067	F	148	Dec	545.5	5.17	28.20	3073.6	155.82
Duchess Pauline 47058	A	214	Dec	705.0	4.51	31.80	5883.8	262.19
Duchess Ruth 47060	A	18	Nov	679.7	4.82	32.76		
		49	Dec	1390.2	4.82	67.01	2069.9	99.77
Duke's Fairy 48390	C	366	Dec	150.4	6.33	9.52	9279.5	488.91
Duke's Gipsy 44027	A	188	Dec	794.4	5.04	40.04	5563.2	253.57
Hardwick Gemina 47055	A	214	Dec	728.5	5.38	39.19	5836.9	289.64
Helen of Mixter Farm 38350	A	208	Dec	8167.1	4.87	39.74	5547.2	262.77
Mary Ann of Mixter Farm 46983	A	20	Nov	673.1	4.91	33.05		
		51	Dec	1051.5	4.91	51.63	1724.6	84.68
Mixter Acorn 58053	G	339	Dec	227.4	6.79	15.44	6157.2	335.57
Mixter Anne 48394	B	214	Dec	706.3	5.24	37.01	5594.3	275.89
Mixter Bluebird 48396	B	188	Dec	952.3	4.87	46.38	6149.2	274.82
Mixter Dawn 58048	D	65	Dec	1190.9	5.36	63.83	2439.1	130.49
Mixter Dayspring 53205	C	76	Dec	844.6	5.89	49.75	2083.1	117.95
Mixter Dominie 54247	B	101	Dec	986.9	5.11	50.43	3378.7	161.36
Mixter Dora 62940	F	133	Dec	598.2	5.00	29.91	2724.3	134.03
Mixter Duchess 48395	A	113	Dec	1063.9	5.07	53.94	4323.4	200.70
Mixter Elizabeth 62943	G	130	Dec	647.1	4.99	32.29	2885.9	145.19
Mixter Faith 48711	C	277	Dec	808.5	6.04	48.83	9137.5	466.96
Mixter Gelenina 48391	B	335	Dec	304.8	6.78	20.67	7316.9	410.81
Mixter Germania 48392	C	366	Dec	6.7	6.04	.40	8088.5	414.37
Mixter Grace 48415	B	202	Dec	725.0	5.58	40.46	5499.3	276.21
Mixter Hawthorne 48420	B	183	Dec	717.9	6.12	43.94	4610.2	244.31
Mixter Lara 58058	G	345	Dec	373.0	5.50	20.52	7892.6	365.55
Mixter Mabel 49804	G	351	Dec	385.7	5.94	22.91	7944.2	416.29
Mixter Pauline 58035	D	153	Dec	519.9	6.39	33.22	3260.1	180.09
Mixter Red Wing 48399	B	158	Dec	916.2	5.27	48.28	4735.7	232.57
Mixter Rose Dean 62951	F	68	Dec	780.4	4.97	38.79	1716.2	87.08
Mixter Star 62959	G	153	Dec	573.1	5.36	30.72	3097.0	162.96
Mixter Susie 62953	G	89	Dec	667.2	4.86	32.43	1884.9	93.72
Nobska Fay of Mixter Farm 46363	B	358	Dec	519.3	6.05	31.42	9911.6	528.95
Norfolk Select 54266	D	98	Dec	991.9	5.60	55.55	3262.7	168.24
Picotte's Select of Mixter Farm 47068	A	319	Dec	654.1	5.82	38.07	10240.9	481.48
Sally Hardtack 47062	A	173	Dec	1124.4	4.17	46.89	5181.8	223.81
Susie of Mixter Farm 47056	A	148	Dec	940.9	4.91	46.20	4777.3	217.22
Thirty Thousand Six Hundred Ten 30610	A	366	Dec	271.0	4.93	13.36	9906.6	434.07
Thirty Thousand Six Hundred Seventy Six 30676	A	24	Nov	812.7	4.56	37.06		
		55	Dec	1141.5	4.56	52.05	1954.2	89.11
Thirty Thousand Eight Hundred Eleven 30811	A	214	Dec	781.2	5.64	44.06	6682.8	332.82
Thirty Thousand Eight Hundred Fifty Eight 30858	A	95	Dec	929.0	5.22	48.49	3118.3	163.24
Yeoman's Mixter Anne 58064	G	341	Dec	578.0	5.51	31.85	8173.5	427.51
Yeoman's Mixter Belle 62946	G	263	Dec	490.3	6.28	30.79	5912.7	327.64
Yeoman's Mixter Faith 62948	G	130	Dec	673.1	5.31	35.74	3083.4	152.51
Yeoman's Mixter Fay 58065	G	335	Dec	528.9	5.93	31.36	7753.3	424.14
Yeoman's Mixter Nun 62949	G	176	Dec	645.5	5.86	37.83	4129.4	219.55
Yeoman's Mixter Picotty 62965	G	75	Dec	894.2	4.62	41.31	2193.1	100.30
Yeoman's Mixter Princess 62960	G	67	Dec	895.3	5.10	45.66	1918.8	94.78
Yeoman's Mixter Queen 58059	G	285	Dec	575.0	5.28	30.36	6515.6	351.28
Yeoman's Mixter Select 58055	F	160	Dec	684.6	4.56	31.22	3790.8	171.91
MUNRO, THOMAS H., CAMILLUS, N. Y.								
Louise of Broad Ridge 50592	F	214	Dec	714.9	5.02	35.89	5457.3	246.41
Marjorie of Broad Ridge 50593	G	246	Dec	593.8	5.43	32.24	6638.1	313.20
May King's Beatrice 55764	G	46	Dec	939.4	4.40	41.33	1303.8	55.91
Miss Snub 45855	F	363	Dec	578.2	5.01	28.97		
		366	Jan	55.6	5.01	2.79	8630.2	395.41

The cows were all purchased at a total cost of $748, most of them being picked up from farmers in this vicinity. During the first few months of their milking period they received a small amount of grain and the remainder of the twelve months just corn silage and clover hay, with good care.

The average production of the cows was 305 pounds of fat for the year. The product was churned on the farm and the butter was sold on the local market, bringing a total income of $900. It cost about $30 a cow a year for feed, which leaves a clear profit of $660 from the eight cows, as he figures the skim milk fed to the calves and hogs, with the value of the manure, will offset labor and other expenses. Summing this up it means that he realized a clear profit of $55 monthly.

All this was done on an eighty acre farm which shows that the small farm pays if managed right. Another feature is that the cows received but little grain, in fact as stated before, only the first few months, which proves that one can realize a handsome profit from a good cow without feeding her much grain. It also shows the good results that can be obtained from a cow testing association.

—L. G. Hageman, Official Tester

Montana

New Guernsey Breeders' Association Organized

A new Guernsey Breeders' association has been organized in the Bitter Root Valley. Mark D. Fitzgerald of Stevensville, is secretary. They meet once a month and a great deal of enthusiasm is manifested. The following letter enclosing remittance for seven subscriptions to the Journal was received this week from Mr. Fitzgerald:

"We had a rousing meeting of the Bitter Root Guernsey Breeders' Association last night at the Bitter Root Guernsey Farm and the members with their wives and families numbered thirty present. We now have twelve paid up members with four more to come in.

"I am making up a complete list of the pure bred stock within the membership and also a list of the number of grades. I will also send you what data I have on the car of Guernsey stock I brought from Wisconsin last summer. The Guernsey is practically a new cow in this section but is so adaptable that the

RISING SUN STOCK FARM

Imp. Island Champion

Imp. La Belle France

Sheet Anchor 2d

Sultana of Paxtang

IRENE'S CHIEF OF POMEROY NO. 18317

SONS AND DAUGHTERS FROM THIS GREAT PRIZE WINNER FOR SALE

SAMUEL HERTEL, Prop. **Van Wert, Ohio**

Guernsey men are most enthusaistic over her future.

"We have the best creamery in the Northwest with a live wire at the head, John G. Howe, and now a sugar factory is being erected in our midst, so with dried beet pulp, crown and tops, and the best alfalfa in the world we ought to move some in the next few years."

New Hampshire

Guernsey Breeder Puts Shoe Factory at the Disposal of the Government

The following is a clipping from the Boston Transcript:

"Frederick B. Rice of Boston, with a leather merchant of New Jersey called at the White House in Washington and tendered the use of their shoe manufacturing plants to the government in case of war. The Rice and Hutchins plant have just completed a contract to supply 1,700,000 pairs of shoes to the Russian government."

Frederick B. Rice is a breeder of Guernseys at Peterboro, New Hampshire. He purchased two females and a bull, Langwater Fashion 23660 at the Langwater sale in Massachusetts last October.

Norah's Pearl 55615	D	363	Dec	295.1	5.94	17.53		
		366	Jan	24.2	5.94	1.44	6191.5	318.12
Primrose Junie 47350	E	122	Dec	679.7	4.83	32.83	2903.2	133.30
Sarah of Applecot 44594	F	327	Dec	99.3	5.72	5.68	5196.1	259.31
OLESON, A. O., LIVINGSTON, WIS.								
Caroline of Yeksahurst 50913	F	6	Oct	131.9	5.01	6.61		
		36	Nov	891.0	5.01	44.64		
		67	Dec	937.4	4.97	46.59	1960.3	97.84
Missy Willow 33889	A	69	Nov	1258.9	4.72	59.42		
		100	Dec	1246.4	4.64	57.83	4165.8	191.33
Pattinette 26837	A	66	Nov	1422.0	4.86	69.11		
		97	Dec	1366.5	4.90	66.96	4352.1	217.54
Patti of Helendale 23105	A	103	Nov	688.6	5.43	37.39		
		134	Dec	756.9	5.11	38.68	3559.7	177.37
Yeksanette 42600	D	64	Nov	1132.6	5.03	56.97		
		95	Dec	1150.6	5.03	57.88	3367.7	165.28
OREGON AGRICULTURAL COLLEGE, CORVALLIS, ORE.								
Alcina of Upper Freehold 38469	B	314	Dec	283.7	5.91	16.77	6891.9	364.80
Freesia's Corona Lass 43050	C	20	Dec	653.9	4.50	29.43		
OVERBECK, PHILIP M., STURGEON BAY, WIS.								
Imp. Alien of Sarnia·50480	A	100	Nov	817.8	5.43	44.41		
		131	Dec	820.6	5.45	44.72	3786.4	188.30
PEARSON, EST. H. H. JR., CLAIBORNE, MD.								
Columbine of Rich Neck 36827	B	366	Jan	206.7	6.63	13.70	11586.5	659.49
Columbine of Rich Neck 2d 49307	G	352	Dec	678.4	6.88	46.67	10283.4	596.64
Pandora's Valentine of Rich Neck 27622	A	133	Dec	966.1	5.84	56.42	5179.9	261.38
Peachwood 2d 22501	A	366	July	221.1	5.66	12.80	7842.9	422.37
PYNE, PERCY R., BERNARDSVILLE, N. J.								
Coraleona of Upton Pyne 42372	D	315	Jan	386.6	5.60	21.65	8725.7	424.90
Irene of Upton Pyne 54220	G	72	Jan	846.6	5.59	47.32	1824.8	99.95
RAMSEY, JOHN P., CHARLOTTE, VT. 1 day test.								
Elmdale's Lilac 43754	E	322	Dec	457.9	5.60	25.64	7057.6	379.65
Lucy of Woodbine 49235	D	245	Dec	405.4	5.92	24.00	6262.1	323.54
Primrose of Woodbine 63936	G	275	Dec	260.3	6.10	15.88	4070.2	218.60
Queen Mab of Woodbine 45535	E	261	Dec	535.5	4.39	23.51	6560.7	300.18
Winona of Woodbine 41738	A	245	Dec	415.7	5.94	24.69	5095.1	268.09

RATHER, ARMAND P., PEEBLES, WIS. 1 day test.								
Lelah Rosebud 40048	A	280	Nov	421.8	5.53	23.33		
		311	Dec	365.7	5.43	19.86	8270.3	399.60
Silver Rose of Oak Lawn 52136	G	314	Nov	481.0	5.43	26.12	8200.8	375.13
RICE, EST. W. B., PETERBORO, N. H.								
Camilla's May of Fox Run 44915	E	245	Jan	568.1	4.81	27.33	6199.8	283.90
Langwater Lady Love 49698	G	242	Jan	693.5	4.63	32.11	6825.7	304.64
May Roselyn 44917	F	336	Jan	522.3	5.16	26.95	8766.9	414.96
ROBERTS, T. W. & I. W., BALA, PA.								
Little Nell of Pencoyd 49195	G	335	Dec	664.7	5.39	35.83	9106.5	437.26
Nella Jay 2d 29718	A	27	Nov	1142.4	4.27	48.78		
		58	Dec	1171.0	4.35	50.94	2313.4	99.72
Nella Jay 6th 55417	E	171	Dec	1030.4	4.59	47.30	5897.0	268.42
Noreen of Pencoyd 51036	G	232	Dec	779.5	5.49	42.79	6386.3	325.26
Queen of Pencoyd 43799	F	366	Dec	420.2	6.08	25.55	9597.0	486.38
Queen Salem of Pencoyd 62539	G	341	Dec	691.0	6.04	41.74	9134.2	488.86
Red Rose of Pencoyd 2d 62132	G	366	Dec	563.5	5.22	29.41	9495.1	441.01
ROEBLING, F. W., TRENTON, N. J.								
Imp. Bon Espoir of the Hechet 39737	B	160	Jan	1068.5	5.35	57.16	5809.1	295.01
Fern of Rich Neck 54991	G	160	Jan	801.8	5.57	44.66	4089.3	216.20
Imp. Mahy's Moss Rose II. 39474	A	64	Dec	1573.8	4.28	67.36		
		95	Jan	1552.5	4.41	68.47	4797.4	209.86
Violette of Rich Neck 41117	D	326	Jan	689.6	6.37	43.93	8777.2	482.12
RUNDELL, F. B., & NICHOLSON R., LIVINGSTON, WIS. 1 day test.								
Imp. Blanche of Maplelawn 47333	D	227	Nov	731.2	5.26	38.46	6689.4	312.68
Imp. Fanny of Maplelawn 48078	B	202	Nov	730.4	5.01	36.59	6581.0	279.11
Imp. Rosie II. of les Buttes 53763	C	153	Nov	782.3	4.78	37.39	4743.9	217.06
Imp. Turquie Rose 53767	A	11	Oct.	308.5	4.11	12.68		
		41	Nov	987.0	4.11	40.57	1295.5	53.25
RUNDELL, HOMER F., LIVINGSTON, WIS.								
Imp. Alma of Linwood 51573	D	19	Dec	733.1	4.78	35.04		
Imp. Annie Laurie of Linwood 51572	F	366	Nov	215.7	5.54	11.95	9464.6	510.97
Imp. Annie of Linwood 51555	C	26	Nov	886.7	4.54	40.26		
		57	Dec	1243.7	4.49	55.84	2130.4	96.10
Imp. Ardis of Linwood 51558	F	322	Nov	509.9	5.38	27.43		
		353	Dec	524.1	5.94	31.13	8844.2	423.63
Du Port's Lily Queen 35118	A	31	Oct	913.0	4.31	39.35		
		61	Nov	894.6	4.66	41.69		
		92	Dec	922.5	4.35	40.13	2730.1	121.17
Frances of Upper Freehold 45255	D	12	Dec	547.9	5.43	29.75		
Ideal of Alfalfa Farms 40750	A	19	Oct	834.6	4.94	41.23		
		49	Nov	1309.9	5.05	66.15		
		80	Dec	1316.5	5.43	71.49	3461.0	178.87
Sweetness of Linwood 51085	D	31	Oct	755.7	5.22	39.45		
		61	Nov	760.8	6.31	48.01		
		92	Dec	901.6	5.03	45.35	2418.1	132.81
Viola's Namesake 2d 36168	A	76	Nov	887.5	4.33	38.43		
		107	Dec	798.2	4.89	39.03	3160.3	143.97
RUNDELL, LLOYD, ROBERTS, WIS. 1 day test.								
Imp. St. Croix's Ellen 57454	E	258	Dec	411.5	5.99	24.65		
		289	Jan	383.8	5.57	21.38	6494.8	306.92
RUSSELL, B. F. W., PETERBORO, N. H.								
Irenetta of Elm-Leigh 51072	G	324	Jan	190.8	6.05	11.54	5172.9	275.32
SCHIFF, MORTIMER L., OYSTER BAY, N. Y. 1 day test.								
Bess of the Glen 41666	C	31	Jan	1340.8	5.12	68.65		
Missy's May Rose of the Glen 47413	E	43	Jan	800.2	5.05	40.41	1112.8	56.17
Imp. Myrtle II. of the Grand Bel 38899	A	92	Jan	919.5	4.36	40.09	3008.4	120.31
SCHMIDT, HANS J., CEDAR FALLS, IOWA.								
Marcus Glenwood's Rosette 46710	G	366	Dec	47.2	6.13	2.89	7541.6	355.32
SCHWALEN, O. R., ROBERTS, WIS. 1 day test.								
Imp. Alderney Cherry of City View 59643	E	92	Dec	928.9	4.94	45.89	2907.9	137.73
Benton Harbor's Violet 38377	C	351	Dec	281.7	6.15	17.32	7051.2	377.70
Duchess of Grenwode 39287	C	318	Dec	366.8	6.22	22.81	6165.1	323.50
Imp. Fleur of City View 59639	D	8	Nov	319.6	4.32	13.81		
		39	Dec	1449.3	5.66	82.03	1768.9	95.84
Imp. Lady Mona of the Tertre 61006	G	354	Dec	539.5	5.29	28.54	7356.3	322.47
Minnie Carteret of City View 60270	G	366	Dec	362.8	6.69	24.27	6935.3	335.54
Miriam of Grenwode 42754	C	118	Dec	1020.7	5.24	53.48	4138.9	202.36
Imp. Polly Gaudion of City View 59631	D	305	Dec	410.8	5.97	24.52	7200.4	365.37
Queen Carteret 37401	B	357	Dec	232.3	5.86	13.61	6778.3	347.13
Raymond's Rose of Denmark 38380	C	320	Dec	391.1	6.67	26.09	6439.9	363.86
Sunbeam of Grenwode 43237	E	364	Dec	401.5	7.00	28.11	8179.0	485.92

Granite State Dairymen's Association Meets

The fourth annual meeting of the Department of Agriculture and the thirty-second annual meeting of the Granite State Dairymen's Association was held February 8 and 9 in St. Cecelia Hall at Manchester, New Hampshire.

The usual exhibits of the feed, fertilizer and dairy machinery companies and some very good butter, cheese, milk and cream were shown on the first floor of the building, while in the hall above were county agent exhibits and booths put up by representatives of each of the four breeds of dairy cattle.

Around the room were hung charts and posters showing the present condition of New Hampshire agriculture. One of these charts shows a steady decrease in the number of sheep kept on the farms of the state, while another states that there are less than four cows to each New Hampshire farm, a condition which should not prevail.

Several interesting county exhibits were also shows, including the boy's corn show.

The Annual Farmers' Banquet took place at Odd Fellow's Hall, Thursday night with about 200 present. A. L. Felker, commissioner of Agriculture was toastmaster.

Dr. Harvey W. Wiley, pure food expert, gave a very interesting talk on "The Wife and the Child on the Farm."

At the annual meeting of the Dairymen's Association, Friday morning, the following officers were elected: president, C. J. Bell of Hollis; vice-presidents, P. C. Campbell, Dixville Notch, and H. N. Sawyer, Atkinson; secretary, W. P. Davis, Durham; treasurer, George M. Putnam, Contoocook; superintendent of exhibit, E. L. Child of Pembroke; trustees: Roscoe F. Swain, Hampton Falls; W. D. F. Haydon, Dover, Charles A. Preston, Contoocook; W. H. Caldwell, Peterboro, J. E. Potter, Conway, C. T. Rossiter, Claremont, John W. Prentiss, Alstead, Jeremiah W. Sanborn, Gilmanton, A. B. Hough, Lebanon, Walter I. Grey, Colbrook; auditors, George H. Yeaton, Rollingford, and Etna J. Fletcher.

Action was taken on the telegram which was received from W. E. Skinner of Chicago and read at the banquet on the previous night concerning the amendment which Senator Underwood has attached to the internal revenue bill reducing the tax

on oleomargarine from ten cents to two cents and removing all other restrictions.

Several interesting talks on the different dairy breeds of cattle were given, and during the afternoon, Professor J. M. Fuller of the New Hampshire College, Professor Elmer Savage of Cornell University and Lucius P. Brown of the Department of Health of New York City gave interesting and instructive addresses.

It is to be hoped that more Guernsey breeders will attend these meetings in the future.

New Jersey

New Jersey Guernsey Breeders Meet

A special meeting of the New Jersey Guernsey Breeders' Association was held at Trenton, New Jersey, on Friday, January 26 in connection with the state agricultural week.

The meeting was called to order promptly at two o'clock p. m. with Joseph Larocque, president, in the chair. Mr. Larocque spoke briefly of the association and its objects and called attention to its rapid and consistent growth. He then introduced Dr. Whitefield Gray of Newton, New Jersey, who delivered a most interesting talk on contagious abortion and gave his method of treating this dreaded trouble. At the end of the talk a general discussion followed which was of so much interest that Professor Minckler, State Animal Husbandman, asked Dr. Gray for a copy of his address to be published in a state bulletin. Dr. Gray aroused considerable enthusiasm in the meeting by saying that his remedies were at the disposal of any man who was in trouble, but he stated that the safest course was to consult a local veterinarian and then adopt his, Dr. Gray's, method if so advised.

Dr. James E. Russell, formerly of Peekskill, New York, and who now has a farm at Princeton, gave a brief summary of his work in the Advanced Register. He advocated it strongly and demonstrated the fact that his cows had been in better condition; had been better breeders and more profitable in every respect while and after they were on Advanced Register test than other cows which had not been on the test. He compared the prices of bull calves from Advanced Register cows and from cows which had not been on test with great disadvantage to the latter and gave interesting data regarding the amounts of fat produced by some of his very high class animals.

STOUT, F. D., ANGUS, WIS.								
Cherry of Lone Pine 46028	F	346	Nov	508.3	5.34	27.14		
		366	Dec	329.9	5.34	17.62	8794.2	392.77
Delight of Lone Pine 40865	C	15	Nov	567.4	5.15	29.22		
		46	Dec	1344.0	5.32	71.50		
		77	Jan	1261.3	4.92	62.06	3172.7	162.78
Donna May Helene of Linda Vista 52691	G	198	Nov	743.1	5.72	42.51		
		229	Dec	771.5	5.69	43.90		
		260	Jan	828.0	5.84	48.36	7292.2	367.54
Glad of Lone Pine 50628	G	183	Nov	606.1	4.92	29.82		
		214	Dec	649.4	4.75	30.85		
		245	Jan	686.3	4.73	32.46	5405.8	247.15
Lyla of Lone Pine 51687	G	145	Nov	554.2	5.96	33.03		
		176	Dec	588.4	5.66	33.30		
		207	Jan	607.5	6.00	36.45	4305.3	231.74
Mary of Lone Pine 52073	G	183	Nov	477.2	5.97	28.49		
		214	Dec	470.3	6.24	29.35		
		245	Jan	520.3	6.19	32.21	4639.1	249.80
Imp. Parson's Red Rose III. 31942	A	219	Nov	941.2	5.70	53.65		
		250	Dec	915.2	5.68	51.98		
		281	Jan	921.1	5.79	53.33	11148.9	556.34
Susie of Lone Pine 52072	G	17	Nov	438.6	4.79	21.01		
		48	Dec	780.1	5.30	41.35		
		79	Jan	757.3	5.81	44.00	1976.0	106.36
Sweet Alice of Maple Hill Farm 51011	G	231	Nov	573.2	5.83	33.42		
		262	Dec	642.5	5.62	36.11		
		293	Jan	701.1	5.68	39.82	6974.6	357.99
SWAN, FRANK E., WAUWATOSA, WIS.								
Pearl of Maple Heights 52449	G	276	Dec	639.8	4.92	31.48	6099.7	269.35
Sweet Alice of Maple Heights 52448	G	237	Dec	630.5	5.41	34.11	5405.8	259.67
Sweet Alice of Norwood 31423	A	288	Dec	884.2	5.74	50.75	10891.3	496.22
Tricksey of Maple Heights 52447	G	288	Dec	633.6	6.78	42.96	6235.5	358.09
Vazon's Sequel's Janilly 43029	D	245	Dec	572.1	5.59	31.98	6225.0	299.10
TARBELL, GAGE E., SMITHVILLE FLATS, N. Y.								
Choice Rose of Tarbell Farms 23695	A	297	Dec	681.5	5.53	37.69	10980.7	552.62
Gold Coin of Hop City L. 41438	A	331	Nov	478.3	5.35	25.59		
		362	Dec	545.1	5.34	29.11		
		366	Jan	65.3	5.34	3.49	8495.8	424.90
Lilla's Daughter 27042	A	299	Nov	477.8	5.79	27.66		
		330	Dec	432.3	5.70	24.64	9078.7	469.87
Odora of Tarbell Farms 51602	F	83	Dec	777.3	5.56	43.22	2137.1	115.10
Quercus Maid 25643	A	341	Dec	777.9	5.61	43.64	13295.9	661.27
Sue of Tarbell Farms 2d 32738	A	97	Dec	1559.3	4.27	66.58	5476.3	217.22
Tarbell Farms Marjery 37954	B	233	Dec	882.0	5.38	47.45	8121.2	391.78
Village Evette 32773	A	97	Dec	1365.7	4.93	67.33	4538.2	210.10
THOMSON, FRANK GRAHAM, DEVON, PA.								
Bonito of Brookmead 2d 41126	C	86	Dec	1111.9	4.37	48.59	3228.3	130.48
Brookmead's Dimple 49806	G	239	Dec	647.4	5.11	33.08	7011.5	325.13
Brookmead's Maya 52086	G	181	Dec	798.2	4.70	37.52	5155.0	225.55
Brookmead's May Rose 49803	G	241	Dec	743.7	5.19	38.60	6837.6	330.97
Deanie Woodburn of Brookmead 2d 37095	A	71	Dec	1634.1	4.02	65.69	3607.7	144.24
Golden Beauty of Brookmead 39998	C	275	Dec	779.4	4.99	38.89	8054.8	378.67
Langwater Francaise 35751	A	245	Dec	976.9	4.78	46.70	10262.2	459.14
Malinda Glenwood 33802	A	268	Dec	1478.0	5.15	76.12	13231.6	618.71
TOUSEY, WILLIAM B., JORDAN, N. Y.								
Cherry of Old Orchard 40981	C	215	Jan	761.0	5.07	38.58	7357.2	332.64
Jessie May Rilma of Broad Ridge 54569	G	110	Jan	730 0	5.54	40.44	2751.8	141.02
Moxie of Hammond 38395	A	355	Jan	982.0	4.66	45.76	14552.6	590.42
TRATT, RALPH, WHITEWATER, WIS.								
Imp. Conqueror's Melrose 30982	A	211	Dec	809.7	5.83	47.21	6333.5	313.14
Imp. Darling of Melrose 28558	A	299	Dec	734.2	5.24	38.47	9980.8	466.17
Hambro's Belle 55242	G	211	Dec	669.3	5.49	36.74	5000.6	255.49
Hambro's Busy Bee 55243	G	21	Dec	629.8	4.62	29.10		
Hambro's Casterilius Royalette 55240	G	211	Dec	801.7	5.11	40.97	5955.7	275.25
Hambro's Miss Luetta 55265	G	103	Dec	1240.5	4.04	50.12	3992.6	172.04
Hambro's Ringlet 55239	G	76	Dec	851.4	5.46	46.49	2014.0	106.13
Hambro's Standard's Derinna 55202	G	15	Nov	365.6	4.99	18.24		
		46	Dec	889.1	4.74	42.14	1254:7	60.38
Hambro's Trislette's Luetta 55245	G	21	Dec	622.6	4.80	29.88		
Kedge Anchor Queen of Sunny Side 34835	A	296	Dec	766.4	5.31	40.70	9123.8	422.16
Miss Luetilius 27727	A	335	Nov	563.9	5.60	31.58		
		366	Dec	535.5	6.15	32.93	10709.2	572.63
Ringlet 27229	A	359	Dec	771.8	6.71	51.79		
		366	Jan	159.5	6.71	10.70	12901.4	711.09
Stranford's Derinna 28602	A	294	Dec	989.1	5.26	52.03	11776.4	545.42
Stranford's Lily 26867	A	316	Dec	797.9	5.51	43.96	10361.4	524.95

VAN KIRK, E. S., NEWFIELD, N. Y.								
Christie S. of Allen Farm 26303	A	31	Dec	957.3	4.98	47.67		
Co-Ed of Ithaca 26304	A	31	Dec	1309.4	4.26	55.78		
Co-Ed of Ithaca 2d 33558	A	29	Dec	1067.9	4.54	48.48		
Lucretia of Maple Grove 51540	F	31	Dec	875.3	4.51	39.48		
Lucy Taylor 44872	D	31	Dec	813.8	4.74	38.57		
VAUX, MARY M., BRYN MAWR, PA.								
Amie of Harriton 52151	G	234	Dec	665.0	4.60	30.59	5470.3	250.69
Miss Alexandre of Harriton 49113	G	236	Dec	645.3	5.01	32.33	5408.2	250.26
Rudbeckia of Harriton 41588	C	275	Dec	316.7	5.17	16.37	6508.8	291.10
Viscaria of Harriton 45077	E	241	Dec	630.5	5.63	35.50	5750.8	297.34
VOGET, OCTAV, HUBBARD, ORE.								
Dolly of Clover Hill 42718	A	164	Dec	600.4	6.32	37.95	3969.8	207.25
Galaday's French Girl of Sequoia 50130	G	291	Dec	514.3	6.52	33.53	7331.5	376.71
WARBURG, FELIX M., WHITE PLAINS, N. Y.								
Senecta 28125	A	16	Dec	714.9	4.12	29.45		
		47	Jan	1668.0	4.12	68.72	2382.9	98.17
WEBB, J. WATSON, SYOSSET, N. Y.								
Flora of Woodbury 49380	F	147	Jan	603.3	5.58	33.66	2896.5	149.1
Imp. Rippling River 1st 40650	A	233	Jan	592.3	5.51	32.64	5453.2	272.39
WELLES, M. L., ROSENDALE, WIS.		**1 day test**						
Katydid of Birchwood 52206	G	290	Dec	361.3	6.30	22.76	5108.4	262.50
Lady of Birchwood 52208	G	179	Dec	567.9	4.45	25.27	3827.9	155.70
Laura of Birchwood 54190	G	111	Dec	737.5	4.30	31.71	2822.4	119.96
Lorna of Birchwood 51826	G	294	Dec	477.5	5.75	27.46	7063.1	344.22
Lottie of Birchwood 52207	G	280	Dec	311.8	6.75	21.05	4723.3	245.52
Lura of Birchwood 51824	G	184	Dec	589.1	5.10	30.04	4570.3	195.24
Masher's Golden of Birchwood 32340	A	273	Dec	635.0	5.10	32.39	10234.4	426.17
Molly of Birchwood 56127	G	52	Dec	760.1	4.60	34.96	1271.0	57.90
WHITE, GEORGE M., FREEHOLD, N. Y.								
Fair Lady of Gayhead 33999	A	294	Jan	602.7	4.58	27.60	9635.0	424.78
Gloss of Gayhead 40355	C	350	Jan	210.0	8.18	17.18	6335.8	398.78
Glow of Gayhead 40354	C	351	Jan	508.3	5.12	26.02	10055.4	448.67
May King's Golden Lenore 45587	E	136	Jan	1185.9	5.26	62.38	5242.8	234.32
Miss Financier 42974	D	235	Jan	616.3	5.87	36.18	7137.6	337.63
WHITNEY, C. L. A., ALBANY, N. Y.								
Betsey of Bellview 48017	F	337	Jan	791.0	5.60	44.30	9071.9	475.11
Imp. Blanchflower XX. 47923	E	314	Jan	1152.9	5.60	64.56	11687.4	584.49
Imp. Daisy II. of the Friquet 40307	A	269	Jan	695.0	6.05	42.05	9655.8	476.03
Langwater Dairymaid 26377	A	357	Dec	850.7	5.55	47.21		
		366	Jan	249.5	5.82	14.52	16949.2	812.66
Stella's Favorite 2d 29167	A	366	Jan	275.2	5.23	14.39	15731.8	750.09
WILDER, G. W., COLTON, CAL.								
Imp. Brittleware Mistletoe 48510	D	31	Dec	1475.9	4.56	67.30		
Imp. Brittleware Wild Rose 48508	B	14	Dec	533.1	4.53	24.15		
Caroline of Chilmark 24812	A	253	Dec	1101.8	6.04	66.55	11913.4	526.31
Glen's Caroline of Hollow Hill 49904	G	214	Dec	594.2	6.04	35.89	5728.5	296.49
Glen's Cora of Hollow Hill 48357	G	275	Nov	488.9	6.75	33.00		
		306	Dec	251.2	8.42	21.15	6191.7	366.97
WILKINS, CHARLES A., PLATTEVILLE, WIS.								
Alma Ethel 33964	A	271	Dec	767.1	5.88	45.11	10191.8	494.80
Cinderella Josephine 34500	A	201	Dec	1252.5	5.03	63.00	9157.6	429.62
Glen Rose of Haddon 35749	A	322	Dec	990.7	4.72	46.76	13020.4	557.08
Glenwood's Boy's Buttercup 38488	B	153	Dec	870.0	4.49	43.55	5714.1	245.05
Goldie of Linwood 43779	E	305	Dec	548.1	5.79	31.73	8133.7	372.95
Goldie of Mound City 44810	E	137	Dec	757.1	4.60	34.83	3797.2	173.37
Lady of Mound City 43094	E	322	Dec	216.8	5.89	12.77	6620.8	297.88
WILLIAMS, D. L., WAUKESHA, WIS.								
Canary of Daisydale 3d 26992	A	27	Nov	1077.9	4.25	45.81		
		58	Dec	1194.3	4.21	50.28	2272.2	96.09
Canary of Daisydale 5th 26997	A	30	Nov	1401.3	4.33	60.68		
		61	Dec	1456.2	4.63	67.42	2857.5	128.10
Canary's Daughter 41983	C	31	Aug	1252.5	3.60	45.09		
		61	Sept	1220.0	3.99	48.68		
		92	Oct	1213.4	4.21	51.08		
		122	Nov	1132.2	4.15	46.99		
		153	Dec	1124.3	4.05	45.53	5942.4	237.37
Maria of Shady Gulch 39119	A	27	Nov	913.5	4.49	41.02		
		58	Dec	964.4	4.35	41.95	1877.9	82.97
Imp. Polly III. of the Russel 35469	A	57	Oct	1355.2	5.02	68.03		
		87	Nov	1232.1	5.27	64.93		
		118	Dec	1124.2	5.12	57.56	4931.3	242.48
Wern's Polly 51020	G	245	Dec	637.6	5.62	35.83	7099.6	305.12
WILLIAMS, JOHN H., WAUKESHA, WIS.								
Eagle Flossie 18122	A	184	Dec	1166.2	4.69	54.69	7229.6	317.93
Imp. Lady Susan III. of the Bordages 35465	A	228	Dec	658.6	6.25	41.16	7373.8	358.83
Park's Gypsy Maid 48583	G	319	Dec	727.6	5.33	38.78	9160.7	417.73
Park's Queen Rhea 34759	A	345	Dec	629.3	7.20	45.31	11852.8	623.86
WILLIS, PARK WEED, SEATTLE, WASH.								
Sammamish Topsy 46992	G	366	Dec	512.5	6.03	30.90	11424.6	629.66
WOODBURY, URBAN A., 2nd, BURLINGTON, VT.								
Imp. Fawny II. 36343	A	20	Dec	599.7	5.43	32.57		

J. L. Hope of Florham Farms was then introduced by the president and he in turn presented Dr. Wright of Wisconsin to the meeting. Dr. Wright briefly spoke of the Wisconsin laws relative to State Accredited Herds and made a few brief remarks regarding contagious calf scours.

The meeting then listened to an extremely attractive talk by E. T. Gill of Haddonfield. His subject was "Reminiscences of One of the Older Breeders," and Mr. Gill entertained the meeting by a brief description of the way he became interested in Guernsey cattle and the development of his herd from a poor beginning into one of the greatest herds of the country.

It was unfortunate that a stenographer was not present to get exactly what Mr. Gill said for it is believed that his talk would be most entertaining to every one interested in the breed.

The secretary was then introduced as the father of the Club in the state. He spoke along the line of cooperation. He urged all those who were interested in any way whatsoever in Guernsey cattle to join the association; to subscribe for the GUERNSEY BREEDERS' JOURNAL and to do as much Advance Register testing as possible.

A number of applications for membership were received at the meeting and the greatest enthusiasm prevailed. Considerably over one hundred men and women crowded the room. At the end of the formal talks matters relative to the welfare of the breed in the state were brought up for discussion and as a consequence the meeting unanimously voted to recommend to the legislature that a law be passed at once providing for State Accredited Herds; that t was also imperative for the state to have on its statute books a law providing that all creameries pasteurize whey and skimmed milk sold to customers. The meeting also discussed at some length methods by which the sale in private or at public sale of tuberculous cattle could be stopped and prevented and the Club urged that measures be taken to provide that every veterinarian in the state be compelled to file with the State Board of Agriculture a copy of each tuberculin test taken by him, together with a description of the animal tested.

A number of local matters were then discussed with much interest and the meeting finally came to an adjournment at 4:45 p. m.

—CHAS. D. CLEVELAND, Sec'y.

Ohio

Advises More Advertising of Milk

W. S. McBane, East Liverpool, Ohio, sent in the following clipping:

"That the high cost of living may be reduced by the increased use of milk, a highly nutritious and digestible food, is the opinion of A. E. Perkins, dairy chemist at the Ohio Experiment Station. He says that a quart of milk is equal in food value to three-fourths of a pound of beefsteak, eight eggs, fifteen pounds of oysters, two pounds of fish, six pounds of tomatoes or three pounds of apples, and the milk is more easily digested and far more economical than any of the other foods."

Mr. McBane adds:

"Cow owners should advertise the products of the cow more than they do; if they were advertised in city daily papers more, the consumption of these products would increase. From the report of the Ohio state officials the Guernsey cow takes the lead; there is more cream in her milk.

"I have recently sold three registered Guernsey bulls; one to E. T. Bingham, Rutland, Ohio; one to E. E. Tarbet, Bellaire, Ohio; one to J. E. Mick, Wellsville, Ohio; and have donated a year's subscription of the GUERNSEY BREEDERS' JOURNAL to two of these buyers. These bulls were all grandsons of Imp. Galaxy Sequel 16904 from cows that are on Advanced Register test."

Pennsylvania

Villageside Guernsey Farm Sales

We recently sold to S. J. Johnston of Bloomsburg, Pennsylvania, a registered cow and a bull which he will use in starting a herd.

James I. Kline of Winfield, Pennsylvania, recently bought from us a young registered bull to be used in his herd. Mr. Kline has been using the Black and Whites, but the milk proposition has caused him to start with Guernseys for the reason that it is becoming hard to sell the Holstein milk.

M. J. GRIMES & BROTHER, Catawissa.

Harry G. Binkley Sells Sire

I have sold a bull, Tinka's Masher of Kinderhook 28719 to Phares K. Kreider of Safe Harbor. I raised him from a calf six months old and at thirty-three months he weighed 1484 pounds, thin in flesh.

I now have a heifer that has made me 13.44 pounds of butter in seven days.

It is hard to plow with a worn out point and it is hard to dairy with a scrub cow—try a Guernsey and it must go.

—HARRY G. BINKLEY, Safe Harbor.

Pennsylvania Breeder Buys Son of Ne Plus Ultra 15265

I have recently purchased from Burnside Farm, Eccleston, Maryland, a new senior herd sire, Gracieuse Ultra May King 24657 which is sired by the great bull, Ne Plus Ultra 15265. The dam of Gracieuse Ultra May King 24657 is Imp. Gracieuse 7th of the Ramee 18920 A. R. She in turn is a daughter of Imp. Masher's Sequel 11462. Imp. Gracieuse 7th of the Ramee 18920 A. R. is the dam of Kings Grace 34640 with two Advanced Register records, and also of Gracieuse of Burnside 29141 A. R.

I have several granddaughters and great granddaughters of Masher's Sequel 11462 in my herd. I expect some good calves by Gracieuse Ultra May King 24657.

I am using at present as my junior herd sire, Victorious King of Maplehurst 29679, a son of Langwater King of France 16724 which is a son of Imp. King of the May 9001.

The dam of Victorious King of Maplehurst 29679 is Imp. Ramee Victory 32087, which is a daughter of Yenadezze 2d 1990 P. S. and a grandson of Imp. Golden Secret 12599.

—JOHN W. LITTLE, Hanover

Florham Moss Raider 30517 Sold

F. M. Carryl, Jr., herd manager at Willow Brook Farm, Catasauqua, Pennsylvania, writes:

"We take pleasure in reporting the sale of our junior herd sire, Florham Moss Raider 30517 to the Annandale Farm, Mount Kisco, New York.

"Florham Moss Raider 30517, while still a young sire and with no offspring old enough yet to put on test, has proved himself to be a sire of merit. His calves are all uniform, showing excellent lines and good markings, and in the heifers, exceptional udder development and great depth and length of body. He has one pair of twins to his credit.

"It is with regret that we see him go, as he has proved to be a good sire for us, always sure and quick. He has the best disposition and nature of any bull we have ever owned."

South Carolina

South Carolina Strong for Guernseys

The following letter was received from W. W. Fitzpatrick, of the Bureau of Animal Industry of the United States Department of Agriculture, in cooperation with the Clemson Agricultural College at Clemson College South Carolina.

"You will probably be interested to know that we have just formed another Guernsey breeders' association in Orangeburg county, South Carolina, and purchased four Guernsey bulls to go into a bull association. We have several associations in Lee, Darlington, Marion and Florence counties. Each of these counties has officially decided on the Guernsey breed. We are completing arrangements for establishing two more associations. I will appreciate it if you will place me in touch with Guernsey breeders having heifers or cows for sale.

"We have several men engaged in dairy extension work in the counties where the Guernsey has been selected as the official breed."

Vermont

Guernsey Breeders Meet

An enthusiastic annual meeting of the Franklin County Guernsey Breeders' Association was held at Enosburg Falls, February 7. H. F. Comings, the president of the association, says: "I expect to see the Guernsey reach the proud distinction of being *the* dairy breed in New England, in spite of the fact that it costs so much to start in with Guernseys."

The report of the secretary follows:

Officers for the year were elected as follows: H. F. Comings, East Berkshire, president; H. C. Grant, East Berkshire, vice president: E. E. Perley, Enosburg Falls, secretary-treasurer; E. A. Sturtevent, East Fairfield and C. F. Carpenter, Rockford, executive committee.

The association voted to offer for sale a carload of grade cows and heifers in the fall, and plans were discussed in regard to better stock at the county fair this coming year.

It was decided to hold a summer meeting somewhere in the county next summer.

Our trouble is that we have not enough pure bred emales in this county to get ahead very fast.

We would be glad to get a chance to buy a few females of the right sort at reasonable prices.

Eleven pure bred females were sold out of the county the past summer, which was a mistake, and they ought never to have left the county. They were of good breeding.

—E. E. PERLEY

Vermont Guernsey Club Meets

The Vermont Guernsey Breeders' Association held their annual banquet at the Hotel Vermont, Burlington, January 9, at 7:30 after a social hour on the roof garden.

After the banquet the memebrs returned to the roof garden and enjoyed a good program of music and talks. Dean John L. Hills of the College of Agriculture spoke to the members on the relationship between cow-testing associations and the raising of pure bred stock. He showed the relation between Advanced Register work and the increase of production qualities such as high bred stock possesses.

William H. Caldwell, secretary of the AMERICAN GUERNSEY CATTLE CLUB, could not be present. He was replaced by J. E. Stallard, Jr., of Peterboro, New Hampshire, of the office of the AMERICAN CLUB, who showed some interesting slides, views of noted Guernseys imported into this country, noted foundation stock, the highest producing Advanced Register cattle and pictures of rural life on the Island of Guernsey.

At the business meeting held directly after the program the following officers were reelected: president, Elbert C. Tenney of Brattleboro; vice-president, F. H. Farrington of Brandon; secretary and treasurer, Mark H. Moody of Waterbury; member of the executive committee for four years, F. D. E. Stowe of Brattleboro. Mr. Stowe's name was the only new one He replaces Dr. George E. Chamberlain of South Newbury. A nominating committee was elected, consisting of Dr. G. E. Chamberlain, Chairman; Col. H. Edward Dyer, and H. N. Dow.

At an executive committee meeting, plans were made for holding several field or community meetings in different parts of the state during the summer months this year.

The club's membership has increased 25 per cent. during the year. It now numbers about 115.

Washington

Twins are Grade Guernseys

On the cover page of a recent issue of the Pacific Homestead appears the picture of two twin Guernsey cows with their calves. The following letter is from their owner, E. E. Thompson, Vashon, Washington:

"From time to time we hear the question asked, will twin cows successfully breed and produce good cows? The accompanying picture is of twin cows and their calves. These cows were born March 8, 1914, and their calves dropped August 20 and September 13, 1916, respectively. Further, they are both safely bred for fall calves this year. These cows, during the first three months of their lactation period, produced from twenty-eight to thirty-two pounds of milk a day each, testing 5 per cent. and now (January 22) they are milking twenty-two to twenty-four pounds of milk each a day; this on dry feed, no root crops or ensilage being fed. The sire of these cows is a registered Guernsey. The mother is a full Jersey but not a registered cow.

"In color and markings they are Guernsey, and their quiet gentle disposition makes them favorites with everyone.

"I might add that Guernsey fanciers seeing these cows at our local fair thought them pure bred and could hardly believe them grades."

Wisconsin

McKerrow Farms Imports Good Sire

Governor of Myrtle Place II. 40985, noted Island show bull, arrived at McKerrow Farms, Pewaukee, Wisconsin, in November, and together with Imp. Governor's Whimsome 26189 is being used as herd sire.

Governor of Myrtle Place II. 40985 is one of the Island's most noted show bulls, while his dam, La Fleur du Jardin XII. 5619 P. S., is one of the greatest show cows as well as the daughter of La Fleur du Jardin X. 4706 P. S., which is no less noted. His dam is a daughter of Governor of the Chene 1297 P. S. while his sire Imp. Pride of Day 17126, is also a grandson of Governor of the Chene 1297 P. S.

A few of the prizes won by Governor of Myrtle Place II. 40985 in clude: King's Cup 1912; Champion Cup for best bull in show, August 1913; Champion Cup for best bull and Challenge Cup for best animal, May 1915; Champion Cup, June 1916; Reserve for progeny special, August 1916, and second prize Peer Cup Competition, August 1916.

—MCKERROW FARMS

Sunnyside Farm Sales

Sunnyside Farm, owned by George D. Lawson, of Oconomowoc, reports the sale of three reg stered females and one high grade female, and a yearling registered bull, a double grandson of Masher's Sequel 11462, to John L. Boland, West Grove, Missouri.

J. R. Tifft Buys Dairymaid's Stranford of Pinehurst 19003

It may interest the readers of the GUERNSEY BREEDERS' JOURNAL to know that J. R. Tifft of Elk Mound, Wisconsin, who last year purchased the O. T. Remington farm and cattle, has purchased from me, Dairymaid's Stranford of Pinehurst 19003. I believe this bull is the last son of old Dairymaid of Elmplace 14197. Dairymaid of Elmplace 14197 has an Advanced Register record of 12176 pounds of milk and 668 pounds of fat. She is the dam of three Advanced Register cows, one of them being Dairymaid of Pinehurst 24656, who made the sensational record of 17285 pounds of milk and 910 pounds of fat. She is also the dam of Lady Dairymaid of Pinehurst 29723 which has a record of 769 pounds of fat, she being full sister to Dairymaid Stranford of Pinehurst 19003.

The sire of this great bull is Stranford's Glenwood of Pinehurst 13609. He is the sire of several Advanced Register daughters and besides the one above mentioned with a record of 769 pounds of fat, C. D. Cleveland of New Jersey has just had one finished with 810 pounds of fat. Thus you will see this bull has sisters on both sides with records over 700 pounds of fat and a full sister with 769 pounds of fat.

The bull is large and a splendid individual. He is right in the prime of life and his use in Mr. Tifft's large and splendid herd should bring great results. —H. W. GRISWOLD

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Bonnie's Nellie of Sitka 26286	4755
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Deanie of Florham 34671	4764
Dolly Bishop of Elm Row 59546	4787
Donnington Goldie 5th 59866 (Imp.)	4811
Dorothy France 47296	4780
Duchess of Thorn Hill 44952	4815
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Emeranda of Tarbell Farms 43566	4824
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Rival's May Rose of Dellwood 48973	4790
Robinette of Clover Lea 49177	4785
Rose Bloom of Maudesleigh 53680	4829
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Rosette III. of Les Nicolles 50378 (Imp.)	4778
Royal's Toma 48830	4770
Russel's Alpha of Craigamoor 32679	4797
Sequel's Coral of Highway 38940	4808
Sequel's Gem of Suburban Farm 43973	4806
Silver Ruhl 26157	4773
Squire's Armada 51977 (Imp.)	4789
Susan of the Isle 50348 (Imp.)	4779
Sylph's Primrose 60440	4772
Symphony of Paxtang 40920	4799
Vanity of Vanities 17408	4754
Violet of Fox Valley 49084	4827

40481 **Palotterie John**
Sire *John Q. of Edgewater* (20967)
Dam *Imp. Lily of the Palotterie III.* (51807)
Born—April 14, 1915
Breeder and owner:
Charles H. Jones, Wellesley Farms, Mass.

40482 **Duke of Attwood**
Sire *Dalton* (25132)
Dam *Patricia of Attwood* (33724)
Born—May 16, 1916
Breeder and owner:
Est. John Hobart Warren, Hoosick Falls, N. Y.

40483 **Prince of Throop**
Sire *Masher Chilmark* (19926)
Dam *Lady Grace of Fulton* (41886)
Born—May 3, 1915
Breeder and owner:
Edward Halsey, Cato, N. Y.

40484 **Bettah Yett**
Sire *Hetty Gold's Lad* (22200)
Dam *Lady Betty of Gravel Knoll* (32315)
Born—March 29, 1916
Breeder and owner:
J. E. Davis, Bernardston, Mass.

40485 **Major of Pine Knoll**
Sire *Hazel's Count* (32300)
Dam *Glenwood's Gem of Kinderhook* (43607)
Born—March 29, 1916
Breeder—Alfred T. Ogden, Kinderhook, N. Y.
Owner—F. R. Allen, Ithaca, N. Y.

40486 **Squire B.**
Sire *Squire K.* (23439)
Dam *Tradition's Silky 6th* (24071)
Born—Aug. 2, 1915
Breeder and owner:
C. F. &. R. Black, Mount Vernon, Ind.

40487 **Masher's Victor of Quality Farm**
Sire *Masher's Dirigo* (23962)
Dam *Glen Haddon 2d's Mary* (38063)
Born—March 30, 1916
Breeder and owner:
William H. Seavey, Harrison, Maine.

40488 **Ted of Walnut Glens**
Sire *Walnut Glens Teddy* (31066)
Dam *Duchess France of Walnut Glens 2d* (59608)
Born—April 1, 1916
Breeder and owner:
R. D. Gates, Novelty, Ohio.

40489 **Lady's May King of Valley View Farm**
Sire *Louisa's King of France* (30356)
Dam *Lady of Forest Lake Farms* (25264)
Born—March 31, 1916
Breeder and owner:
F. B. &. R. M. Van Houten, Hallstead, Pa.

40490 **Raymond's Enola's King**
Sire *Flora's May King* (26320)
Dam *Raymond's Enola* (43776)
Born—April 4, 1916
Breeder and owner:
H. C. Schmeling, Edgerton, Wis.

40491 **Billy Cole**
Sire *Chase Cole* (27297)
Dam *Julia Cole of Westwood* (27838)
Born—April 22, 1914
Breeder and owner:
David C. Evans, Angelica, N. Y.

40492 **Chieftain's May's King**
Sire *Imp. Chieftain of Les Chevaliers* (18419)
Dam *Imp. May of Sarnia* (35632)
Born—April 6, 1916
Breeder and owner:
Roy C. Buzzell, Stanley, Wis.

40493 **Elm Row Charmer**
Sire *Charmer of Sarnia* (24454)
Dam *Elm Row May Kirk* (59545)
Born—Sept. 23, 1915
Breeder and owner:
G. W. Ray, Albion, Mich.

40494 **Baron of Hartwood**
Sire *Baron of Midlothian* (22643)
Dam *Armine's Pride* (40885)
Born—April 3, 1916
Breeder and owner:
H. Stillson Hart, Barrington, Ill.

40495 **Ouida's Ike of Pleasant View**
Sire *Goodwill's Hero* (17073)
Dam *France's Jewel VIII.'s Ouida of Lewison* (30436)
Born—April 13, 1916
Breeder and owner:
Charles Schmidt, Wrightstown, Wis.

40496 **Marshall of Oaklawn**
Sire *Earl of Balmoral* (26784)
Dam *Alice of Oakdale* (36523)
Born—April 15, 1916
Breeder and owner:
August Rentz, Bertha, Minn.

40497 **Star's Favorite**
Sire *Halcyon Star* (17552)
Dam *Queen's Favor* (37569)
Born—Sept. 25, 1916
Breeder and owner:
John Endicott, Birmingham, Mich.

40498 **John Barnes**
Sire *Walnut Glens Jim* (23456)
Dam *Edna May* (18067)
Born—April 25, 1916
Breeder and owner:
George M. Smith, Warren, Ohio.

40499 **Edgemoor Richmond**
Sire *Richmond Secret* (26348)
Dam *Standard Time's Princess* (32153)
Born—April 20, 1916
Breeder and owner:
J. A. McComb, Milton, Wis.

40500 **Lucille's Richmond**
Sire *Richmond Secret* (26348)
Dam *Lucille France* (29728)
Born—April 29, 1916
Breeder and owner:
J. A. McComb, Milton, Wis.

40501 **Dabell of Briarbank**
Sire *Dairymaid's Veribest of Iowa* (26762)
Dam *Belle of Briarbank* (55268)
Born—Sept. 21, 1916
Breeder and owner:
W. T. Barbour, Birmingham, Mich.

40502 **Bob of Briarbank**
Sire *Dairymaid's Veribest of Iowa* (26762)
Dam *Palby of Briarbank* (55269)
Born—Sept. 27, 1916
Breeder and owner:
W. T. Barbour, Birmingham, Mich.

40503 **Rose's Gay Lad**
Sire *Gay Lad V.* (27592)
Dam *Imp. Hartfield Rose of the Couture 3d* (32419)
Born—April 28, 1916
Breeder and owner:
J. H. Laney & Son, Dousman, Wis.

40504 **Farmington of Buttermilk Falls**
Sire *Tostevin's King Bell* (31874)
Dam *Queen Dorothy of Farmington* (55814)
Born—April 23, 1916
Breeder—L. C. McClintock, Mindoro, Wis.
Owner—A. G. Stone, Ithaca, N. Y.

40505 **Unadilla's Smoke**
Sire *Little Smoke* (14423)
Dam *Unadilla 4th* (25314)
Born—Feb. 11, 1915
Breeder and owner:
Nelson G. Richmond, Fredonia, N. Y.

40506 **King of Foxley**
Sire *Alta Vista* (19150)
Dam *Bonetta of Riverton* (28288)
Born—Feb. 23, 1915
Breeder and owner:
John E. Sibble, Glen Loch, Pa.

40507 **Rose's Prince of Belmont**
Sire *Prince George of Belmont* (23435)
Dam *Imp. Raymond's Rose of St. Martin's* (60589)
Born—July 24, 1916
Breeder and owner:
William W. Knight, Perrysburg, Ohio.

40508 **Cherry's Belmont Lad**
Sire *Prince George of Belmont* (23435)
Dam *Cherry Girl of Belmont* (40538)
Born—Aug. 23, 1916
Breeder and owner:
William W. Knight, Perrysburg, Ohio.

40509 **Queen's Own of Belmont**
Sire *Flora's Prince of Belmont* (36051)
Dam *Imp. Queen 14th of Warren Wood* (59897)
Born—Sept. 2, 1916
Breeder and owner:
William W. Knight, Perrysburg, Ohio.

40510 **Elite's Raymond**
Sire *Pearl's Raymond* (37231)
Dam *Allen's Elite 2d* (18689)
Born—April 4, 1916
Breeder and owner:
Welby A. Updike, Millerton, Pa.

40511 **Beauty's Jim**
Sire *Loo Satisfax* (24733)
Dam *Edgewood's Beauty* (48023)
Born—June 11, 1916
Breeder and owner:
C. Hershberger & F. Schlosser, Bremen, Ind.

40512 **Dolly's Buster Brown**
Sire *Alice's May King* (24313)
Dam *Imp. Dolly of Mouilpied 2d* (54664)
Born—March 31, 1916
Breeder and owner:
H. P. Milbourn, Hartly, Del.

40513 **Lil's Prince of Oak Grove**
Sire *Princeling of Amey* (24033)
Dam *Lil of Amy* (44654)
Born—March 28, 1916
Breeder and owner:
O. T. Remington, Elk Mound, Wis.

40514 **Henrietta's General**
Sire *General of Halcyon* (20658)
Dam *St. Austell Henrietta* (58136)
Born—April 26, 1916
Breeder and owner:
Louis P. Hall, Ann Arbor, Mich.

40515 **Densie's Masher**
Sire *King Masher's Laddie* (23467)
Dam *Densie of Pittsfield* (25839)
Born—April 3, 1916
Breeder—W. J. Royer, Orville, Ohio.
Owner—Crawford & Davis, Newark, Ohio.

40516 **Catherine's Dairyman**
Sire *Dairymaid's Glenwood of Edgemont* (22356)
Dam *Catherine of Guernseydale* (42004)
Born—March 22, 1916
Breeder—Guernseydale Stock and Fruit Farms, Bloomsburg, Pa.
Owner—J. L. Hope, Madison, N. J.

40517 **Cooper's Montauk**
Sire *Imp. Lord of the Camp* (31397)
Dam *Imp. Flossie III. of Richmond Cottage* (53739)
Born—Jan. 11, 1916
Breeder and owner:
Sherman T. Cooper, Chicago, Ill.

40518 **Cooper's Storm King**
Sire *Imp. Lord of the Camp* (31397)
Dam *Imp. Buttercup of Les Blancs Bois* (53732)
Born—Jan. 26, 1916
Breeder and owner:
Sherman T. Cooper, Chicago, Ill.

40519 **Minnie's Marshall of Mapleview Farm**
Sire *Reed's Marshall* (17091)
Dam *Minnie F. of Mentor* (33743)
Born—May 26, 1916
Breeder and owner:
C. A. Hayden, Monongahela, Pa.

40520 **Prince Seneca**
Sire *Shady Lawn's King* (21311)
Dam *Bessie M. of East View* (28099)
Born—April 19, 1916
Breeder—Henry Boom, Woodhull, N. Y.
Owner—Dudley & Longley, Meridian, N. Y.

40521 **Galaxy's Beauty's Royal Lad**
Sire *Galaxy's Beauty* (24488)
Dam *Royal May Queen 2d* (30581)
Born—March 19, 1916
Breeder—Will F. Smith, Greenville, Pa.
Owner—F. W. Pizor, Mercer, Pa.

40522 **Star of Bloomfield Hills**
Sire *Halcyon Star* (17552)
Dam *Imp. Nell II. des Islets* (27178)
Born—May 10, 1916
Breeder and owner:
John Endicott, Birmingham, Mich.

40523 **Anighto's King**
Sire *May King's Benton of Ingleside* (25701)
Dam *Anighto* (41703)
Born—July 3, 1916
Breeder—John H. Benham, Seymour, Conn.
Owner—John Endicott, Birmingham, Mich.

40524 **Bill of Battle Ground**
Sire *Cyrus of Edgewood* (26331)
Dam *Lady of Guilford* (46666)
Born—June 24, 1916
Breeder and owner:
A. F. Lambeth, Guilford College, N. C.

40525 **Jumbo Anderson**
Sire *Mary's Pride of Alfaretta* (30232)
Dam *Bessie Irene* (53271)
Born—April 28, 1916
Breeder and owner:
Elsia Scheffel, Kent, Ohio.

40526 **Nobleman of Middlebrook**
Sire *Imp. Hero of the Courtil au Préel* (13840)
Dam *Imp. Duvaux Rose III.* (25542)
Born—July 19, 1916
Breeder and owner:
C. H. Zehnder, Allenhurst, N. J.

40527 **Prince of Middlebrook**
Sire *Sue's King of Tarbell Farms* (23037)
Dam *Rosalie of Middlebrook* (52243)
Born—Aug. 27, 1916
Breeder and owner:
C. H. Zehnder, Allenhurst, N. J.

40528 **Paul of Jericho**
Sire *St. Austell Salient* (27555)
Dam *Dolly Bloom of Jericho* (38675)
Born—Aug. 16, 1916
Breeder and owner:
N. C. Dahl, South Haven, Mich.

40529 **Prince of Threebrook**
Sire *Bachelor's Button of Riverside Farm* (21410)
Dam *Joyce's Ruby* (43604)
Born—April 14, 1916
Breeder and owner:
William H. Dixon, Williamstown, Mass.

40530 **Blue Bell's Sequel of Elmlawn**
Sire *Imp. Jeannette's Masher's Sequel* (12071)
Dam *Blue Bell of Elm Lawn* (41233)
Born—March 18, 1916
Breeder and owner:
G. E. Foster, Cornville, Maine.

40531 **Tom Rilma 9th**
Sire *Tom Rilma* (22539)
Dam *Gretchen of Nutting Farm* (47872)
Born—March 19, 1916
Breeder and owner:
C. L. Sisson, Almond, N. Y.

40532 **Tom Rilma 10th**
Sire *Tom Rilma* (22539)
Dam *Oneta of Willowdale* (26521)
Born—March 19, 1916
Breeder and owner:
C. L. Sisson, Almond, N. Y.

40533 **Tom Rilma 11th**
Sire *Tom Rilma* (22539)
Dam *Fina Cole* (48356)
Born—March 23, 1916
Breeder and owner:
C. L. Sisson, Almond, N. Y.

40534 **Lalla C.'s Ruth's Billy Boy**
Sire *Miranda's Sister's Glenwood* (32362)
Dam *Lalla C.'s Ruth* (51790)
Born—July 7, 1916
Breeder—Frank E. Cooley, Holt, Mich.
Owner—J. T. Marshall, Renfrew, Pa.

40535 **Major Rilma 8th**
Sire *Major Rilma* (18791)
Dam *Elm Road Betty* (52688)
Born—April 12, 1916
Breeder and owner:
C. E. Tobey, Phillips, Wis.

40536 **Major Rilma 9th**
Sire *Major Rilma* (18791)
Dam *Dolsey's Anna* (37678)
Born—April 15, 1916
Breeder and owner:
C. E. Tobey, Phillips, Wis.

40537 **Major Rilma 10th**
Sire *Major Rilma* (18791)
Dam *Elm Road Belle* (45748)
Born—April 20, 1916
Breeder and owner:
C. E. Tobey, Phillips, Wis.

40538 **Major Rilma 11th**
Sire *Major Rilma* (18791)
Dam *Elm Road Biddie* (53409)
Born—May 20, 1916
Breeder and owner:
C. E. Tobey, Phillips, Wis.

40539 **Rilma De Chêne**
Sire *Major Rilma* (18791)
Dam *Imp. Elm Road De Chêne* (55132)
Born—June 12, 1916
Breeder and owner:
C. E. Tobey, Phillips, Wis.

40540 **Duke of Clark**
Sire *Isinglass of Riverside Farm* (19559)
Dam *Alta Crest Jewel 2d* (37007)
Born—April 8, 1916
Breeder and owner:
Thomas F. Dexter, Kent, Conn.

40541 **Mexico**
Sire *Isinglass of Riverside Farm* (19559)
Dam *Maid of Bromica* (47976)
Born—May 12, 1916
Breeder—Thomas F. Dexter, Kent, Conn.
Owner—R. J. Hungerford, New Milford, Conn.

40542 **Dairy Maid's Boy of Broad Ridge**
Sire *Liberty's King Rilma of Broad Ridge* (34378)
Dam *Criterion's Dairy Maid of Bellview* (55059)
Born—Sept. 15, 1916
Breeder and owner:
Frank Culver, Ira, N. Y.

40543 **King Rilma Boy of Broad Ridge**
Sire *Liberty's King Rilma of Broad Ridge* (34378)
Dam *Nellie's Priscilla of Maple Ridge* (59001)
Born—Sept. 15, 1916
Breeder and owner:
Frank Culver, Ira, N. Y.

40544 **Jessie May Rilma's Boy of Broad Ridge**
Sire *Liberty's King Rilma of Broad Ridge* (34378)
Dam *Jessie May Rilma of Broad Ridge* (54569)
Born—Sept. 25, 1916
Breeder and owner:
Frank Culver, Ira, N. Y.

40545 **Noble of France's Boy**
Sire *Noble of France* (20429)
Dam *Miss Snub* (45855)
Born—Jan. 3, 1916
Breeder—Charles Hornburg, Ira, N. Y.
Owner—Thomas H. Munro, Camillus, N. Y.

40546 **Proud Don of Munroholm**
Sire *Proud Don* (29327)
Dam *Primrose Junie* (47350)
Born—Aug. 29, 1916
Breeder—Charles Hornburg, Ira, N. Y.
Owner—Thomas H. Munro, Camillus, N. Y.

40547 **Belle's Glenwood Boy**
Sire *Glenwood's Son of Gayhead* (19617)
Dam *Belle Elmoore* (43155)
Born—April 3, 1916
Breeder and owner:
George A. Bridge, Batavia, N. Y.

40548 **Lenora's Main Stay**
Sire *Glenwood's Main Stay 31st* (19350)
Dam *Imp. Lenora of Hamilton* (22108)
Born—May 26, 1915
Breeder and owner:
Mrs. R. C. Holcomb, Oconomowoc, Wis.

40549 **King Porter**
Sire *Jeweller's Porter* (14385)
Dam *Ilione of Eastside* (33736)
Born—March 8, 1916
Breeder and owner:
H. &. H. Lurvey, Dousman, Wis.

40550 **King's Itchen King 2d**
Sire *King's Itchen King* (24661)
Dam *Pride of Graymont* (25012)
Born—March 29, 1916
Breeder and owner:
John S. Riehl, Leetonia, Ohio.

40551 **Handsome Shy's and Dinah's Sequel**
Sire *Imp. Dinah's Sequel* (17607)
Dam *Handsome Shy* (35280)
Born—Dec. 10, 1915
Breeder and owner:
John S. Riehl, Leetonia, Ohio.

40552 **Itchen King's Sequel Boy**
Sire *King's Itchen King* (24661)
Dam *Sequel Beauty of Crystal Spring* (40505)
Born—Dec. 23, 1915
Breeder and owner:
John S. Riehl, Leetonia, Ohio.

40553 **King of Mount Hickory**
Sire *King's Itchen King* (24661)
Dam *Nettie of Fairview* (48740)
Born—April 26, 1915
Breeder and owner:
J. S. Cope, Leetonia, Ohio.

40554 **Noble of Fynmere**
Sire *Imp. Lynchmere Lord Roberts 3d* (30806)
Dam *Imp. Elfordleigh Prudence* (54025)
Born—May 19, 1916
Breeder and owner:
James Fenimore Cooper, Cooperstown, N. Y.

40555 **Irving of Mountain View**
Sire *Judge of Birchwood* (22505)
Dam *Hero's Le Bas* (38555)
Born—April 14, 1916
Breeder and owner:
J. B. Van Wagener, Pittsburgh, Pa.

40556 **Willis Guy of Mountain View**
Sire *Judge of Birchwood* (22505)
Dam *Imp. Bella of Sarnia* (44433)
Born—April 14, 1916
Breeder and owner:
J. B. Van Wagener, Pittsburgh, Pa.

40557 **Fentress of Mountain View**
Sire *Judge of Birchwood* (22505)
Dam *Imp. Butter Queen of Sarnia* (44436)
Born—July 30, 1916
Breeder and owner:
J. B. Van Wagener, Pittsburgh, Pa.

40558 **Guernfalfa Governor**
Sire *Préel VII.'s Champion Butter Boy* (26132)
Dam *Jennie's Butter Girl* (48129)
Born—Sept. 8, 1916
Breeder and owner:
Math Michels, Peebles, Wis.

40559 **Alaric of Eastside**
Sire *Sequel's Yata of Willowdale* (21230)
Dam *Chieftain's Dido of Eastside* (28273)
Born—April 8, 1916
Breeder and owner:
Albert A. Bird, Cattaraugus, N. Y.

40560 **Bobbie of Fairview**
Sire *White Boy of Oakwood* (23867)
Dam *Miss Haidee* (21949)
Born—June 4, 1916
Breeder and owner:
E. E. Smyser, Wooster, Ohio.

40561 **Buttercup's Laddie of Fairview**
Sire *White Boy of Oakwood* (23867)
Dam *Miss Haidee's Buttercup* (52656)
Born—Aug. 28, 1916
Breeder and owner:
E. E. Smyser, Wooster, Ohio.

40562 **Billy Holden of Rose Lawn**
Sire *Imp. Holden IV.* (12179)
Dam *Imp. Daisy Black Spot II.* (50302)
Born—July 19, 1916
Breeder—Albert L. Hyzer, West Salem, Wis.
Owner—Matt Rohowetz & Son, Dodgeville, Wis.

40563 **Imp. Governor's Favorite of Mara Alva**
Imp. as *Fern IV.'s Governor II. of the Camp* (R. G. A. S. 3859 P. S.)
Sire On Guernsey *Governor of the Chêne* (R. G. A. S. 1297 P. S.)
Dam On Guernsey *Fern IV. of the Camp* (R. G. A. S. 10715 P. S.)
Born—Oct. 7, 1915
Imp. to New York, Sept. 1, 1916, in S. S. Mesaba, by A. C. Ramseyer, Smithville, Ohio.
Breeder—Y. Lanoe, Island of Guernsey.
Owner—A. C. Ramseyer, Smithville, Ohio.

40564 **Imp. Clara's Pride of Mara Alva**
Imp. as *Clara's Victor of Maple Lodge* (R. G. A. S. 3868 P. S.)
Sire On Guernsey *Pride of Maple Lodge* (R. G. A. S. 3405 P. S.)
Dam On Guernsey *Clara's Pride* (R. G. A. S. 8799 P. S.)
Born—Nov. 14, 1915
Imp. with No. 40563.
Breeder—E. P. Mahy, Island of Guernsey.
Owner—A. C. Ramseyer, Smithville, Ohio.

40565 **Imp. Governor's King of Mara Alva**
Imp. as *Damson's Polly's Pride* (R. G. A. S. 3888 P. S.)
Sire On Guernsey *Governor of the Corbinez* (R. G. A. S. 3302 P. S.)
Dam On Guernsey *Lohiers Polly III.* (R. G. A. S. 8902 P. S.)
Born—Jan. 2, 1916
Imp. with No. 40563.
Breeder—John De Garis, Island of Guernsey.
Owner—A. C. Ramseyer, Smithville, Ohio.

40566 **Imp. Prince of Mara Alva**
Imp. as *Prince of the Camp* (R. G. A. S. 3900 P. S.)
Sire On Guernsey *May Boy of the Camp* (R. G. A. S. 3374 P. S.)
Dam On Guernsey *La Chatelaine II.* (R. G. A. S. 5825 P. S.)
Born—March 29, 1916
Imp. with No. 40563.
Breeder—Y. Lanoe, Island of Guernsey.
Owner—A. C. Ramseyer, Smithville, Ohio.

40567 **Imp. Governor's Prince of Mara Alva**
Imp. as *Damson's Flake* (R. G. A. S. 3903 P. S.)
Sire On Guernsey *Governor of the Corbinez* (R. G. A. S. 3302 P. S.)
Dam On Guernsey *Snowflake of Les Lohiers III.* (R. G. A. S. 13152 P. S.)
Born—April 1, 1916
Imp. with No. 40563.
Breeder—John De Garis, Island of Guernsey.
Owner—A. C. Ramseyer, Smithville, Ohio.

40568 **Sue's Major of Mapleview Farm**
Sire *Reed's Marshall* (17091)
Dam *Sue of Shady Lawn* (35446)
Born—Oct. 7, 1916
Breeder and owner:
C. A. Hayden, Monongahela, Pa.

40569 **Orange King of Hartwood**
Sire *Baron of Midlothian* (22643)
Dam *Wood Ford's Orange* (41048)
Born—May 14, 1916
Breeder and owner:
H. Stillson Hart, Barrington, Ill.

40570 **Sequel of Hartwood**
Sire *Baron of Midlothian* (22643)
Dam *Sequel's Lady Astrid* (42127)
Born—July 30, 1916
Breeder and owner:
H. Stillson Hart, Barrington, Ill.

40571 **Celtic's Majesty**
Sire *Imp. Governor's Majesty* (24880)
Dam *Imp. Sister Celtic of Anna Dean Farm* (46906)
Born—April 8, 1916
Breeder—O. C. Barber, Akron, Ohio.
Owner—Charles Moeser, Cincinnati, Ohio.

40572 **Ethel's Frenchman of Mound City**
Sire *Langwater Frenchman* (19226)
Dam *Alma Ethel* (33964)
Born—April 1, 1916
Breeder and owner:
Charles A. Wilkins, Platteville, Wis.

40573 **Margaret's Prince of the Five Firs**
Sire *Rose's Jeweller of Oak Knoll* (21958)
Dam *Margaret of Cherrydale* (39744)
Born—March 15, 1915
Breeder and owner:
Zach Simonson, Wautoma, Wis.

40574 **Mr. Holden of Edgewater**
Sire *Imp. Holden IV.* (12179)
Dam *Holden's Milkmaid* (48494)
Born—Nov. 20, 1915
Breeder—A. I. Stubbs, West Salem, Wis.
Owner—F. G. Benham, Canandaigua, N. Y.

40575 **Nobility of Birchwood**
Sire *Guiding Star* (12423)
Dam *Endymienta* (26841)
Born—March 21, 1916
Breeder—Helendale Farms, Milwaukee, Wis.
Owner—M. L. Welles, Rosendale, Wis.

40576 **Upland's Hero**
Sire *Florham Monarch* (20771)
Dam *Imp. Mera of les Prevosts* (44563)
Born—April 2, 1916
Breeder and owner:
Frank P. Frazier, Ipswich, Mass.

40577 **Upland's Sequel**
Sire *Florham Monarch* (20771)
Dam *Imp. Clara XIII. of le Tertre* (44621)
Born—April 8, 1916
Breeder and owner:
Frank P. Frazier, Ipswich, Mass.

40578 **Dimple Bloom 22d**
Sire *Dimple Bloom* (14369)
Dam *Masher's Glenwood's Rose of Edgemont* (42952)
Born—Sept. 16, 1916
Breeder and owner:
T. E. Hyde, Blooomsburg, Pa.

40579 **Bob of Ericksdale**
Sire *Raymond of Tilden Farms* (22107)
Dam *Sylvia Gladys* (23999)
Born—Jan. 3, 1916
Breeder—Hanson & Hawes, Whitewater, Wis.
Owner—Wayne A. Munn, Janesville, Wis.

40580 **Don of Lynden Grove**
Sire *Dick Stranford* (18068)
Dam *Daisy of Lynden Grove* (43509)
Born—March 23, 1916
Breeder and owner:
Benjamin Bourret, Livingston, Wis.

40581 **Ada's Gulbert of Surat**
Sire *Gulbert of Garfield* (31040)
Dam *Portia's Ada* (51910)
Born—July 29, 1916
Twin with cow No. 68171.
Breeder and owner:
Mrs. Nellie Griffin, Iola, Wis.

40582 **Anita's Charmant of Cuffdale**
Sire *Goldelsie's Charmant* (22681)
Dam *Anita of Woodcrest* (21794)
Born—Dec. 25, 1915
Breeder and owner:
Roy D. Cuff, Jackson, Mich.

40583 **Governor of Farview**
Sire *Imp. Governor's Whimsome* (26189)
Dam *Doris of Farview* (51668)
Born—Aug. 19, 1915
Breeder—George McKerrow & Sons Co., Pewaukee, Wis.
Owner—P. B. Horst, Dalton, Ohio.

40584 **Kemp's Texas Whimsome**
Sire *Imp. Governor's Whimsome* (26189)
Dam *Imp. McKerrow's Granny* (53174)
Born—July 13, 1916
Breeder—George McKerrow & Sons Co., Pewaukee, Wis.
Owner—J. A. Kemp, Wichita Falls, Texas.

40585 **Kemp's Texas Governor**
Sire *Imp. Overland's Governor* (26122)
Dam *Imp. The Governor's Queen* (47209)
Born—Sept. 28, 1916
Breeder and owner:
J. A. Kemp, Wichita Falls, Texas.

40586 **McKerrow's Bijou Governor**
Sire *Imp. Governor's Whimsome* (26189)
Dam *Imp. McKerrow's Bijou* (53173)
Born—April 7, 1916
Breeder and owner:
George McKerrow & Sons Co., Pewaukee, Wis.

40587 **Alexandre's Choice of Harriton**
Sire *Dairymaid's Choice of Pinehurst* (13618)
Dam *Choice's Alexandre of Harriton* (42916)
Born—Oct. 23, 1914
Breeder and owner:
Mary M. Vaux, Bryn Mawr, Pa.

40588 **Yeksa of Aurelian Farms**
Sire *Ada's Douglas* (28961)
Dam *Belle of Washington* (25450)
Born—May 24, 1916
Breeder and owner:
Bishop & Brown, Eau Claire, Wis.

40589 **College Girl's Majesty**
Sire *Stranford's Glenwood of Pinehurst 3d* (16202)
Dam *College Girl of Waukesha* (35370)
Born—Feb. 22, 1916
Breeder and owner:
A. W. &. F. E. Fox, Waukesha, Wis.

40590 **Stranford's Talladeen's Sequel**
Sire *Sookey's Walter Sequel of Fritzlyn* (16965)
Dam *Stranford's Talladeen* (45089)
Born—Feb. 26, 1916
Breeder and owner:
A. W. &. F. E. Fox, Waukesha, Wis.

40591 **Play Boy of Waukesha**
Sire *Raymond's Billy of the Hougue* (21752)
Dam *Play Girl of Haddon* (27379)
Born—March 1, 1916
Breeder and owner:
A. W. & F. E. Fox, Waukesha, Wis.

40592 **Shop Girl's King**
Sire *King Talladeen of Chestnut Hill* (13460)
Dam *Shop Girl of Haddon* (27381)
Born—March 1, 1916
Breeder and owner:
A. W. & F. E. Fox, Waukesha, Wis.

40593 **Beatrix B.'s Royal Duke**
Sire *King Talladeen of Chestnut Hill* (13460)
Dam *Beatrix B.* (20310)
Born—March 11, 1916
Breeder and owner:
A. W. & F. E. Fox, Waukesha, Wis.

40594 **Emma Talladeen's King**
Sire *Raymond's Billy of the Hougue* (21752)
Dam *Emma Talladeen* (46238)
Born—March 20, 1916
Breeder and owner:
A. W. & F. E. Fox, Waukesha, Wis.

40595 **Billy's Governor of Cedar Lawn**
Sire *Raymond's Billy of the Hougue* (21752)
Dam *Imp. Governor's Lily* (46415)
Born—April 21, 1916
Breeder and owner:
George Konrad, South Germantown, Wis.

40596 **Marshall of Windermere**
Sire *St. Austell Squire* (27554)
Dam *Little Cad* (36721)
Born—Dec. 30, 1915
Breeder and owner:
J. K. Blatchford, Watervliet, Mich.

40597 **Arendal Notable**
Sire *Brookline's Notable* (25656)
Dam *Quintilla Milk Maid* (37684)
Born—July 15, 1916
Breeder—Est. Louis Cabot, Brookline, Mass.
Owner—Windsor H. Goodnow, Keene, N. H.

40598 **Aimable's Pat of Oak Ridge**
Sire *Imp. Aimable of the Isle* (18373)
Dam *Pet of Alfalfa Farms* (31045)
Born—April 21, 1916
Breeder and owner:
Thomas F. Ryan, Oak Ridge, Va.

40599 **Imp. Daisy's Little Governor of the Camp II.**
(R. G. A. S. 3763 P. S.)
Sire *Imp. Governor of the Vauquiedor* (39925)
Dam On Guernsey *Daisy des Padins* (R. G. A. S. 4005 F. S.)
Born—March 3, 1915
Imp. to New York, Sept. 1, 1916, in S. S. Mesaba, by S. T. Cooper, Chicago, Ill.
Breeder—Y. Lanoe, Island of Guernsey.
Owner—S. T. Cooper, Chicago, Ill.

40600 **Prince Elmo of Cayuga**
Sire *Hestia's Ledyard Bay* (30385)
Dam *Cottie Marie* (19265)
Born—Feb. 22, 1916
Breeder—John W. Jones, Groton, N. Y.
Owner—C. J. Hewitt, Locke, N. Y.

40601 **King Solomon of Cayuga**
Sire *Angerosa's Prince* (31749)
Dam *Turner's Beauty of New York* (33418)
Born—Feb. 24, 1916
Breeder—H. J. Aldrich, West Salem, Wis.
Owner—M. I. Sherman, Pawlet, Vt.

40602 **May Rose King of Glen Haven**
Sire *May Rose King of Burnside* (18601)
Dam *Lotta's Juliana of Iona* (52754)
Born—June 9, 1916
Breeder and owner:
Samuel W. Lippincott, Ruxton, Md.

40603 **Florian of Riverside**
Sire *Joker of Riverside* (21447)
Dam *Primrose Princess* (35881)
Born—March 6, 1916
Breeder and owner:
S. A. Merriman, Fort Atkinson, Wis.

40604 **Prince Charming of Riverside**
Sire *Joker of Riverside* (21447)
Dam *Katonah's Primrose* (23930)
Born—Dec. 5, 1915
Twin with cow No. 68195.
Breeder and owner:
S. A. Merriman, Fort Atkinson, Wis.

40605 **Queen's Monogram**
Sire *Bob Rilma's Monogram* (29095)
Dam *Joker's Queen* (52405)
Born—April 15, 1916
Breeder and owner:
S. A. Merriman, Fort Atkinson, Wis.

40606 **Edith's Duke of Darlington**
Sire *Spotswood Sequel 3d* (34017)
Dam *Edith of Darlington* (59483)
Born—May 17, 1916
Breeder—George W. Love, Garrettsville, Ohio.
Owner—R. G. Murphy & M. J. Gockerell, Painesville, Ohio.

40607 **Ryburn's Choice**
Sire *Blanche's Top Gallant* (23389)
Dam *Imp. Maudette XIX.* (40064)
Born—Oct. 9, 1915
Breeder and owner:
McClelland Bros., Canonsburg, Pa.

40608 **Duke of Oak Grange**
Sire *Billy of Crystal View* (23025)
Dam *Zoe of Oakhart* (40110)
Born—Oct. 28, 1915
Breeder—M. B. Hart, Lake Crystal, Minn.
Owner—L. D. Martin, Lake Crystal, Minn.

40609 **Archer of Nelly**
Sire *Archer of Castel* (24883)
Dam *Sequel's Nelly of Denmark* (43085)
Born—Nov. 17, 1915
Breeder and owner:
Joseph J. Dickhut, Helenville, Wis.

40610 **Captain Citro**
Sire *King of the Meadow* (25628)
Dam *Venango Maid* (30114)
Born—Aug. 17, 1916
Breeder and owner:
I. E. Emerson, Lutherville, Md.

40611 **Duke of Hansen Farm**
Sire *Elwood of Maple Glen 2d* (26923)
Dam *Linda of South Valley* (37668)
Born—March 26, 1916
Breeder and owner:
George Hansen, South Valley, N. Y.

40612 **Mettowee Lad**
Sire *Magnolia 2d's Prince of Clover Leaf* (19002)
Dam *Lily Ann of Applecot* (34763)
Born—Nov. 29, 1914
Breeder and owner:
John S. Petteys, Greenwich, N. Y.

40613 **Govalinn**
Sire *Imp. Governor of Myrtle Place* (15114)
Dam *Dairymaid of Linn* (46777)
Born—Oct. 1, 1915
Breeder and owner:
Buell Bros., Lake Geneva, Wis.

40614 **Pocket Piece**
Sire *Rosie's Governor of Woodend* (27946)
Dam *Salley's Ragnhilde* (68204)
Born—Oct. 15, 1915
Breeder and owner:
L. R. Buell, Lake Geneva, Wis.

40615 **Jack Knife Ben**
Sire *Imp. Governor of Myrtle Place* (15114)
Dam *Mary St. John Salley* (22269)
Born—Oct. 28, 1915
Breeder and owner:
L. R. Buell, Lake Geneva, Wis.

40616 **Nemo of Buell Place**
Sire *Imp. Governor of Myrtle Place* (15114)
Dam *Delphine of Linn* (68205)
Born—Oct. 29, 1915
Breeder and owner:
Buell Bros., Lake Geneva, Wis.

40617 **Wiggle of Hill Top**
Sire *Brookside Jim* (30588)
Dam *Ruth of Locust Hill 2d* (53480)
Born—April 15, 1916
Breeder—R. A. Naginey, Milroy, Pa.
Owner—R. H. Morrison, Burghill, Ohio.

40618 **Brookside Jim 2d**
Sire *Brookside Jim* (30588)
Dam *Janette of Brookside 2d* (53888)
Born—April 15, 1916
Breeder—R. A. Naginey, Milroy, Pa.
Owner—R. H. Morrison, Burghill, Ohio.

40619 **Bell Boy of Hill Top**
Sire *Brookside Jim* (30588)
Dam *Rosie Bell* (53481)
Born—May 24, 1916
Breeder—R. A. Naginey, Milroy, Pa.
Owner—R. T. Brugler, Transfer, Pa.

40620 **Beauty's Bess' Governor**
Sire *Cottie's King of Pleasant View* (25053)
Dam *Beauty's Bess* (50036)
Born—May 15, 1916
Breeder—C. D. Schlabach, Fredericksburg, Ohio.
Owner—H. H. Crocker, Thompson, Ohio.

40621 **Lee of Barron**
Sire *Imp. Clara's Sequel's Son* (19741)
Dam *Rosa Lee of Edinburgh* (37062)
Born—Jan. 10, 1916
Breeder and owner:
Harry Jewett, Rice Lake, Wis.

40622 **Ira of Bangor**
Sire *Imp. Clara's Sequel's Son* (19741)
Dam *Vine's Best* (37203)
Born—Jan. 28, 1916
Breeder and owner:
Harry Jewett, Rice Lake, Wis.

40623 **Maine's Jewel**
Sire *Jewel's Independence of the Glen* (26697)
Dam *Rita W.* (39428)
Born—May 26, 1916
Breeder—W. N. Chenery, Portland, Maine.
Owner—C. S. Randall, Portland. Maine.

40624 **Escalon Tom**
Sire *Donaldo of Mayhews* (27301)
Dam *Mayhew Blossom* (51857)
Born—April 5, 1916
Breeder and owner:
A. B. Humphrey, Escalon, Cal.

40625 **Lone Pine Gladiator**
Sire *Langwater Hayes Rosie's King of the May* (16723)
Dam *Glad of Lone Pine* (50628)
Born—May 24, 1916
Breeder and owner:
F. D. Stout, Angus, Wis.

40626 **Sultan V.**
Sire *Puritan Prince* (23042)
Dam *Venice* (36845)
Born—Feb. 23, 1916
Breeder and owner:
J. H. Detwiler, Center Hall, Pa.

40627 **Prince Lane**
Sire *Puritan Prince* (23042)
Dam *Lilly of Indian Lane* (47142)
Born—March 24, 1916
Breeder and owner:
J. H. Detwiler, Center Hall, Pa.

40628 **Glenwood's Junior Lad**
Sire *Fair Lad of Hickory Grove* (22902)
Dam *Lily Ella Glenwood* (22104)
Born—March 28, 1916
Breeder and owner:
August Morlock, Watervliet, Mich.

40629 **Spot's Country Gentleman**
Sire *Atmore's King* (25337)
Dam *Spot of Maple Avenue* (30957)
Born—March 5, 1916
Breeder and owner:
A. A. Walsh, Curtis Corner, Maine.

40630 **Royal Sequel Jeweller**
Sire *Imp. Sequel's Free Lance* (18223)
Dam *Augusta Marshall 3d* (23689)
Born—Aug. 15, 1915
Breeder and owner:
Oscar Allen, Avella, Pa.

40631 **Mabel's Royal King**
Sire *Cottie's Royal Laddie* (29024)
Dam *Mabel of Convoy* (47463)
Born—April 14, 1916
Breeder and owner:
O. P. Huffine, Van Wert, Ohio.

40632 **Prince Eureka**
Sire *Berkshire O. K.* (20081)
Dam *Fawn's Fern* (44048)
Born—May 5, 1916
Breeder and owner:
M. E. Blakely, Milaca, Minn.

40633 **Tommy of Sunny Side**
Sire *Pedro's Golden Lad* (32720)
Dam *Molly of Sunny Side* (68231)
Born—June 5, 1916
Breeder and owner:
E. S. Tupper, Stevensville, Pa.

40634 **King Classic of A. D. F.**
Sire *Langwater May King* (13001)
Dam *Imp. Classic of Anna Dean Farm* (46745)
Born—Sept. 7, 1916
Breeder and owner:
O. C. Barber, Barberton, Ohio.

40635 **Nelly's Sequel of A. D. F.**
Sire *Murne Cowan's Sequel* (29446)
Dam *Imp. Nelly of Anna Dean Farm* (46895)
Born—Sept. 14, 1916
Breeder and owner:
O. C. Barber, Barberton, Ohio.

40636 **Golden Boy of Mansion Farms**
Sire *Sarah's Lad* (18736)
Dam *Ximena* (23341)
Born—April 21, 1916
Breeder and owner:
J. M. Fox, Foxburg, Pa.

40637 **Glen Auric of Sunnyside**
Sire *Glen Auric of Pinehurst* (13175)
Dam *Henrietta of Sunnyside* (20459)
Born—Aug. 1, 1914
Breeder and owner:
Lee S. Clymer, Riegelsville, Pa.

40638 **John Rose King of Walter Maple**
Sire *Rose of Centreville* (14681)
Dam *Wood Ford's Susan* (24624)
Born—June 14, 1915
Breeder and owner:
Edward A. Walter, Walworth, Wis.

40639 **Sport Rose King of Walter Maple**
Sire *Rose of Centreville* (14681)
Dam *Mary Ladd* (46306)
Born—June 16, 1915
Breeder and owner:
Edward A. Walter, Walworth, Wis.

40640 **Monarch of Arles**
Sire *Monarch of Inverness* (12544)
Dam *Flora of Inverness 2d's Daisy* (44691)
Born—July 7, 1915
Breeder—Alex. Macdonald, Blackstock, S. C.
Owner—Morgan H. Grace, Americus, Ga.

40641 **Billy Taft of Arles**
Sire *King George of Sunnyside* (25469)
Dam *Baby Taft* (36734)
Born—Dec. 17, 1915
Breeder—A. Mayo McKeown, Cornwell, S. C.
Owner—Morgan H. Grace, Americus, Ga.

40642 **Raymond of Cedar Grove**
Sire *Billy's Raymond of the Manor* (25330)
Dam *Rebecca of Cedar Grove 2d* (37336)
Born—April 23, 1916
Breeder and owner:
Mrs. J. O. Darby, Chester, S. C.

40643 **Maud's George**
Sire *King George of Sunnyside* (25469)
Dam *Maud of Cornwell* (63996)
Born—July 7, 1916
Breeder and owner:
A. Mayo McKeown, Cornwell, S. C.

40644 **Prince N.**
Sire *King George of Sunnyside* (25469)
Dam *Annie N.* (50865)
Born—May 3, 1916
Breeder and owner:
Mrs. Mary E. McKeown, Cornwell, S. C.

40645 **Glen Gable Joe**
Sire *Lassie's Ledyard Bay* (14540)
Dam *Glen Gable Gretchen* (31359)
Born—April 10, 1916
Breeder and owner:
William F. Gable, Wyebrooke, Pa.

40646 **King William Fox**
Sire *Peterboro Fox* (24119)
Dam *Berwick Belle's Beauty 2d* (29917)
Born—Dec. 8, 1915
Breeder and owner:
S. Edson & Ella T. Roberts & Son, Alton, N. H.

40647 **Lily's Porter**
Sire *Jeweller's Porter* (14385)
Dam *Imp. Taylor's Lily* (21363)
Born—Jan. 15, 1916
Breeder and owner:
J. T. Maule & Son, Dousman, Wis.

40648 **Imp. Farmer Boy of Sarnia**
Sire On Guernsey *My Own* (R. G. A. S. 3289 P. S.)
Dam *Imp. Dot of Sarnia* (58769)
Born—Sept. 12, 1915
Imp. in dam.
Breeder—Est. H. A. Dorey, Island of Guernsey.
Owner—W. H. Dupee, Santee, Cal.

40649 **Woodlawn's Elic**
Sire *Penstates Cena's King* (38060)
Dam *Woodlawn's Aggie Elizabeth* (49131)
Born—Feb. 15, 1916
Breeder and owner:
Shook Bros., Spring Mills, Pa.

40650 **Woodlawn's Turpin**
Sire *Langwater Royal 5th* (19332)
Dam *Woodlawn's Venus* (27352)
Born—May 31, 1916
Breeder and owner:
Shook Bros., Spring Mills, Pa.

40651 **Earl of Newbury**
Sire *Baubigny's Squire of Keewaydin* (21834)
Dam *Pauline of Sunset Lodge* (25120)
Born—Feb. 24, 1916
Breeder and owner:
W. R. Blair, Chagrin Falls, Ohio.

40652 **Lord Beechwood**
Sire *Baubigny's Squire of Keewaydin* (21834)
Dam *Marguerite of Walnut Glens* (38968)
Born—Oct. 11, 1914
Breeder—R. D. Gates, Novelty, Ohio.
Owner—L. W. Eldridge, Chardon, Ohio.

40653 **Violet's Boy of Seneca Corners**
Sire *Josh of Birchwood* (21653)
Dam *Imp. Violet II. of Corbinez* (27547)
Born—March 12, 1916
Breeder and owner:
William Ehlert, Vesper, Wis.

40654 **King Tappan of Winthrop**
Sire *Imp. Durrington Favour* (31572)
Dam *Imp. Fleurie III. des Ménages* (53797)
Born—Sept. 2, 1915
Breeder—Frank S. Peer, Cranford, N. J.
Owner—Charles H. Tappan, Winthrop, Maine.

40655 **Sir Julian of Middledale**
Sire *Langwater Emigrant* (14076)
Dam *Reiber's Julia* (16458)
Born—May 24, 1916
Twin with cow No. 68250.
Breeder and owner:
Calkins & Riggs, Creswell, Oregon.

40656 **Pride of Alban**
Sire *Count of Loberg Glen* (22448)
Dam *Rose of Garfield* (34541)
Born—March 24, 1916
Breeder and owner:
Est. A. O. Hole, Rosholt, Wis.

40657 **Duke of Meadow Run**
Sire *Lucassienne's Raymond of Fritzlyn* (23944)
Dam *Imp. Princess of Les Quartiers* (39735)
Born—March 10, 1916
Breeder—William F. Fretz, Pipersville, Pa.
Owner—Joseph H. Baum, Perkasie, Pa.

40658 **Midget's Duke**
Sire *Glade Summit Pride* (30983)
Dam *Midget of Warren* (39823)
Born—Feb. 28, 1916
Breeder and owner:
Walter D. Ward, Warren, Pa.

40659 **Bonny Buoy of City View**
Sire *Bell Buoy of Linda Vista* (19430)
Dam *Queen Laura's Bianca of Hickory Hill* (37056)
Born—July 27, 1916
Breeder and owner:
O. R. Schwalen, Roberts, Wis.

40660 **Squire Primrose**
Sire *Imp. Valentine's Squire* (28093)
Dam *Imp. Primrose Lilly* (51769)
Born—July 11, 1916
Breeder and owner:
Albert C. Loring, Minneapolis, Minn.

40661 **Billy's France's Alfa Boy**
Sire *Nelly III.'s Billy's France* (22404)
Dam *Alfa* (33379)
Born—May 29, 1916
Breeder and owner:
Fred J. Patterson, Harrisburg, Ill.

40662 **Proud Homestead**
Sire *Sir Fernlad* (32499)
Dam *Homestead Favorite 5th* (21616)
Born—March 13, 1916
Breeder and owner:
W. P. Whittier, Galena, Ohio.

40663 **Rex of Maple Lawn**
Sire *Imp. Captain of Woodend* (21080)
Dam *Annie Rosewood* (52042)
Born—March 20, 1916
Breeder and owner:
Hugh Norman, Lake Crystal, Minn.

40664 **Flaud's Royal Bay of Alfadale**
Sire *Royal Bay of Kinderhook* (24293)
Dam *Flaud 2d* (21951)
Born—Aug. 23, 1916
Breeder and owner:
W. H. Miller & Son, Coxsackie, N. Y.

40665 **Pete of Sevastopol**
Sire *Lord of Louis Corners* (18448)
Dam *Duddy of Sevastopol* (31880)
Born—March 16, 1916
Breeder and owner:
L. F. Henschel, Sturgeon Bay, Wis.

40666 **Jolly May Boy**
Sire *Jolly Boy of Walton* (22423)
Dam *Billy of Bellmath's Matilda Marshall* (40014)
Born—May 1, 1916
Breeder—Frank W. Dann, Walton, N. Y.
Owner—Roderick Fitch, Walton, N. Y.

40667 **Locust Valley Raymond**
Sire *Deanie's May King* (25847)
Dam *Imp. Fanny of the Belles* (51176)
Born—June 7, 1915
Breeder—J. L. Hope, Madison, N. J.
Owner—Russell Grinnell, Exeter, R. I.

40668 **Imp. Honoria's Sequel II.**
(R. G. A. S. 2816 P. S.)
Sire *Imp. Clara's Sequel* (29414)
Dam On Guernsey *Sequel's Honoria* (R. G. A. S. 6722 P. S.)
Born—Nov. 19, 1910
Imp. to New York, Sept. 30, 1916, in S. S. Manchuria, by J. L. Hope, Madison, N. J.
Breeder—Alfred Le Patourel, Island of Guernsey.
Owner—J. L. Hope, Madison, N. J.

40669 **Brookline Laddie**
Sire *Sir Glenrose of France 2d* (33039)
Dam *Lady Merita* (57032)
Born—July 4, 1916
Breeder and owner:
James M. Codman, Brookline, Mass.

40670 **Sir Franco**
Sire *Sir Glenrose of France 2d* (33039)
Dam *Nova Rosa* (40906)
Born—July 12, 1916
Breeder and owner:
James M. Codman, Brookline, Mass.

40671 **March Wind of Bellemead**
Sire *Nowaday* (26423)
Dam *Tinta* (38540)
Born—March 16, 1916
Breeder—James M. Codman, Brookline, Mass.
Owner—H. E. Chase, Framingham, Mass.

40672 **Glenwood Captain**
Sire *Ena's Captain Ro* (28339)
Dam *Yeksamarg's Dairymaid* (47571)
Born—April 30, 1916
Breeder and owner:
Robert B. Gibson, Durand, Wis.

40673 **Promise's Champion of Oak Grove**
Sire *Roselade's Prince Albert* (29370)
Dam *Promise of La Grange* (53675)
Born—March 27, 1916
Breeder and owner:
John A. Hodgin, Greensboro, N. C.

40674 **Perfection's General McArthur**
Sire *Dalton* (25132)
Dam *Cragston's Perfection of Attwood* (24593)
Born—June 11, 1916
Breeder and owner:
Est. John Hobart Warren, Hoosick Falls, N. Y.

40675 **Bingham's Spotswood Sequel**
Sire *Spotswood Sequel 2d* (31605)
Dam *Noble's Belle of Nelcroft* (48012)
Born—March 17, 1916
Breeder and owner:
J. C. Ruedi, Ravenna, Ohio.

40676 **Sequel of Hickory Hill**
Sire *Imp. Honoria's Sequel III.* (31079)
Dam *Imp. Nell of Arroyo* (47086)
Born—May 8, 1916
Breeder—B. L. Rundell, Hammond, Wis.
Owner—Wayne A. Munn, Janesville, Wis.

40677 **Valentine Rex**
Sire *Barney of Oakdale* (25741)
Dam *Peggy Rex* (52060)
Born—Feb. 14, 1916
Breeder and owner:
Edith A. Stevens, Stillwater, Minn.

40678 **Knozer of Heart's Delight**
Sire *Knozer 2d* (28821)
Dam *Heart's Delight Belle* (31087)
Born—March 7, 1915
Breeder and owner:
W. H. Miner, Chazy, N. Y.

40679 **Knozer's Excelsior**
Sire *Knozer 2d* (28821)
Dam *Louretta* (20126)
Born—May 25, 1915
Breeder and owner:
W. H. Miner, Chazy, N. Y.

40680 **Golden of Highland Grove Farm**
Sire *Blanchflower's Twinkle of Brock Hill* (36135)
Dam *Hilda M.* (50630)
Born—March 17, 1916
Breeder and owner:
J. H. Durant, West Newbury, Vt.

40681 **Duke of Highland Grove Farm**
Sire *Blanchflower's Twinkle of Brock Hill* (36135)
Dam *Lily Bell of Highland Grove Farm* (57729)
Born—March 27, 1916
Breeder and owner:
J. H. Durant, West Newbury, Vt.

40682 **Midget's Henry of Wells**
Sire *Golden Henry of Woodend* (21047)
Dam *Midget of Silverheels* (49041)
Born—May 10, 1916
Breeder and owner:
D. B. Weston, Wells, Minn.

40683 **Panama Pacific**
Sire *Glen of the Pines* (18671)
Dam *Gem of Evergreen* (43295)
Born—March 8, 1915
Breeder and owner:
Herman Staak, Cochrane, Wis.

40684 **Brownrigg**
Sire *Dick of Locust Farm* (29178)
Dam *Homestead Flora* (26224)
Born—March 18, 1916
Breeder and owner:
Howard C. Park, Worthington, Ohio.

40685 **Pencoyd's Royal Secret**
Sire *Imp. Golden Secret of Lilyvale* (10028)
Dam *Langwater Early Rose* (19145)
Born—March 22, 1916
Breeder and owner:
T. W. &. I. W. Roberts, Bala, Pa.

40686 **Prince of Langlade**
Sire *Canary's King* (23136)
Dam *Alpha of Lakeside* (37408)
Born—March 19, 1916
Breeder and owner:
Anton Follstad, Elcho, Wis.

40687 **Chief of Riverside View**
Sire *Earl of Highland* (29602)
Dam *Dorothea of Highland* (51145)
Born—June 1, 1916
Breeder and owner:
Charles L. Skinner, West Springfield, Pa.

40688 **Hawthorn of the Peak**
Sire *Master Honor* (19827)
Dam *Zig* (20347)
Born—June 24, 1915
Breeder and owner:
Mrs. Arthur V. Meigs, Radnor, Pa.

40689 **Rex Roy**
Sire *Rob Roy of Hillside* (32527)
Dam *Thirza's Lucky Star 2d* (41935)
Born—July 10, 1916
Breeder—D. D. Bennett, Cincinnatus, N. Y.
Owner—J. Floyd Perkins, North Pitcher, N. Y.

40690 **Spotswood's King**
Sire *Lena's King* (17562)
Dam *Sequel's Rushbrooke's Spotswood* (48119)
Born—April 5, 1916
Breeder and owner:
C. F. Kiester, Amelia, Ohio.

40691 **Salada's Prince of Hillsview**
Sire *Imp. Belerma's Prince* (13847)
Dam *Salada of Hillsview* (33549)
Born—Aug. 26, 1916
Breeder and owner:
C. E. Hill, Bloomington, Ill.

40692 **Scott Farm Prim Boy**
Sire *Scott Farm Charmante's King* (25486)
Dam *Imp. Primrose II. du Pont* (35797)
Born—June 30, 1916
Breeder and owner:
Frederick Holbrook, Brattleboro, Vt.

40693 **Prince Royal Bounce Away**
Sire *Imp. Bounce Away of Lewison* (11725)
Dam *Belinda of Lewison* (22008)
Born—May 1, 1916
Breeder and owner:
S. W. Woodley, Creswell, N. C.

40694 **Follyland Judge**
Sire *Imp. Hayes Royal 3d* (22237)
Dam *Imp. Cosy II. of the Vauxbelets* (41644)
Born—March 27, 1916
Breeder and owner:
I. C. Blandy, Greenwich, N. Y.

40695 **Golden Caster**
Sire *Casterilius of Nelsonville* (18052)
Dam *Gold Ollie* (16953)
Born—Aug. 25, 1916
Breeder and owner:
L. E. Gordon, Jr., Nelsonville, Wis.

40696 **Jerry Boy of Coal Bluff Farm**
Sire *Chief of Youngwood* (28240)
Dam *Bertha Pearis* (20802)
Born—Sept. 4, 1916
Breeder and owner:
W. E. Long, Greensburg, Pa.

40697 **George of Chesney Farms**
Sire *George Washington of Fairfield Farm* (10866)
Dam *Pretor's Jessie* (22032)
Born—Jan. 7, 1916
Breeder—Charles D. Ettinger, Tinley Park, Ill.
Owner—O. W. Lehmann, Lake Villa, Ill.

40698 **Major's Hero**
Sire *Major Noble* (25313)
Dam *Zada M.'s Doris* (48961)
Born—April 1, 1916
Breeder and owner:
F. O. Melvin, Bradford, N. H.

40699 **College King's Earl**
Sire *Langwater College King* (25837)
Dam *Earl's Nantaska* (38092)
Born—July 8, 1916
Breeder and owner:
Massachusetts Agricultural College, Amherst, Mass.

40700 **Martha's Pride of Iowanola**
Sire *King Yeksa of Arborvitae* (18777)
Dam *Martha W. of Alfalfa Farms* (45143)
Born—May 5, 1916
Breeder and owner:
C. A. Mountain, Des Moines, Iowa.

40701 **Glenwood's Chief of Iowanola**
Sire *King Yeksa of Arborvitae* (18777)
Dam *Luella of Alfalfa Farms* (42966)
Born—May 30, 1916
Breeder and owner:
C. A. Mountain, Des Moines, Iowa.

40702 **Glenwood Earl of Iowanola**
Sire *Glenwood's Iowana Laddie* (22650)
Dam *Earl of Walnut Run 2d* (42902)
Born—July 28, 1916
Breeder and owner:
Charles R. Mountain, Des Moines, Iowa.

40703 **Kalisedur of Iowanola**
Sire *Glenwood's Iowana Laddie* (22650)
Dam *Kalmia of Somerset* (36793)
Born—Aug. 1, 1916
Breeder and owner:
Charles R. Mountain, Des Moines, Iowa.

40704 **Golden Laddie of Iowanola**
Sire *Glenwood's Iowana Laddie* (22650)
Dam *Golden Polly O. D.* (40905)
Born—Aug. 16, 1916
Breeder and owner:
Charles R. Mountain, Des Moines, Iowa.

40705 **Peter Glenwood of Iowanola**
Sire *Glenwood's Iowana Laddie* (22650)
Dam *Florinda of Piedmont* (39418)
Born—Aug. 28, 1916
Breeder and owner:
Charles R. Mountain, Des Moines, Iowa.

40706 **Peter of Far View Farm**
Sire *Fashion of Ardmore Farm* (30506)
Dam *Imp. Belle of St. Peter Port* (53644)
Born—June 3, 1916
Breeder—F. I. Vander Beek, Glen Spey, N. Y.
Owner—Burdette P. Craig, Glen Spey, N. Y.

40707 **Northern Boy of Ardmore Farm**
Sire *Fashion of Ardmore Farm* (30506)
Dam *Imp. Northern Boy's Valentine* (32612)
Born—May 16, 1916
Breeder and owner:
F. I. Vander Beek, Glen Spey, N. Y.

40708 **Sailor's Fancy of Ardmore Farm**
Sire *Fashion of Ardmore Farm* (30506)
Dam *Imp. Sailor's Pride of Grande Rocque Hotel* (53660)
Born—May 24, 1916
Breeder and owner:
F. I. Vander Beek, Glen Spey, N. Y.

40709 **Sheet Anchor of Maricopa**
Sire *Fenella's Raymond* (36511)
Dam *Sheet Anchor's Fenella* (64507)
Born—June 21, 1916
Breeder—Edwin B. Maule, Coatesville, Pa.
Owner—Paul L. Coates, Parkesburg, Pa.

40710 **Julin of Rollwood**
Sire *Geoffrey of Grasslands* (14661)
Dam *Imp. Jeanette of the Duvaux II.* (27498)
Born—April 5, 1916
Breeder and owner:
Rollin S. Woodruff, Guilford, Conn.

40711 **Vazon's Billy**
Sire *Billy of Paradise Spring City* (21162)
Dam *Vazon's Sequel's Janilly* (43029)
Born—April 23, 1916
Breeder and owner:
Frank E. Swan, Wauwatosa, Wis.

40712 **Golden King of Maple Heights**
Sire *Billy of Paradise Spring City* (21162)
Dam *Goldy Guernsey Roberta* (36735)
Born—May 12, 1916
Breeder and owner:
Frank E. Swan, Wauwatosa, Wis.

40713 **Galaxy's Equal of Neshannock**
Sire *Galaxy's Equal of Chestnut Hill* (23176)
Dam *Imp. Pet of River Place* (44343)
Born—Aug. 26, 1916
Breeder—G. H. & H. T. Getty, New Wilmington, Pa.
Owner—R. H. Morrison, Burghill, Ohio.

40714 **Bonny Lad of Neshannock**
Sire *Galaxy's Equal of Chestnut Hill* (23176)
Dam *Imp. Nora of Mont Val* (41343)
Born—April 12, 1916
Breeder and owner:
G. H. & H. T. Getty, New Wilmington, Pa.

40715 **Oliver Cabana**
Sire *White of Rising Sun* (26569)
Dam *Lela Glenwood* (66943)
Born—Oct. 22, 1915
Breeder and owner:
Owen Boyer, Ohio City, Ohio.

40716 **Cottage Boy's Rival**
Sire *Raymond VI.'s Cottage Boy* (24580)
Dam *Belle of Highway* (25233)
Born—Aug. 24, 1916
Breeder and owner:
Walter W. Little, Porters Sideling, Pa.

40717 **Susie S.'s King of Five Oaks Farms**
Sire *Burness's Sequel of Highway* (30791)
Dam *Kate's Pretor Susie S. of Fairview* (33971)
Born—Aug. 27, 1916
Breeder and owner:
Edward Halpin, Odessa, N. Y.

40718 **Fascination's Storm King**
Sire *Imp. Storm King of the Isle* (18962)
Dam *Imp. Froome's Fascination* (36185)
Born—Aug. 2, 1916
Breeder and owner:
Est. J. B. Haggin, Lexington, Ky.

40719 **Lizette's Trump**
Sire *Mar's Trump* (23969)
Dam *Mar's Lizette* (43180)
Born—Aug. 10, 1916
Breeder and owner:
Est. J. B. Haggin, Lexington, Ky.

40720 **Rosie's Secret of Thornliebank**
Sire *Golden Secret of Thornliebank* (30022)
Dam *Imp. Rosie of Sous l'Eglise* (39580)
Born—May 20, 1916
Breeder and owner:
Burdette P. Craig, Glen Spey, N. Y.

40721 **Bill of Riverside**
Sire *John of Riverside* (16719)
Dam *Robin's Dormir* (31319)
Born—Aug. 2, 1916
Breeder and owner:
H. H. Babcock, Edgerton, Wis.

40722 **Nonpareil's Boy**
Sire *Nonpareil of Pencoyd* (29398)
Dam *Begalore's Rosebud* (63265)
Born—Jan. 29, 1916
Breeder and owner:
S. R. Nissley, Manheim, Pa.

40723 **Kathleen's May King of Corona**
Sire *May King of Fern Ridge* (17432)
Dam *Imp. Kathleen of Lewison* (23315)
Born—March 2, 1915
Breeder and owner:
C. W. Main, Corona, Cal.

40724 **Cherry's May King of Corona**
Sire *May King of Fern Ridge* (17432)
Dam *Cherry's Lady of Lewison* (24207)
Born—Aug. 31, 1915
Breeder and owner:
C. W. Main, Corona, Cal.

40725 **Kathleen's May King Champion of Corona**
Sire *May King of Fern Ridge* (17432)
Dam *Imp. Kathleen of Lewison* (23315)
Born—Jan. 16, 1916
Breeder and owner:
C. W. Main, Corona, Cal.

40726 **Navarino's King of Maplewood**
Sire *Navarino* (23328)
Dam *Blossom of Maplewood* (46120)
Born—April 22, 1916
Breeder and owner:
Victor Steele, Albert Lea, Minn.

40727 **Pat Murphy**
Sire *Alfa Korn's Pride* (30817)
Dam *Princess Stella* (53315)
Born—May 4, 1916
Breeder—F. M. Wheeler, Hillsboro, Wis.
Owner—Max Wheeler, Hillsboro, Wis.

40728 **King Deyraff**
Sire *Ledyard May King* (34777)
Dam *Lady Deyraff of Fulton 3d* (30028)
Born—July 9, 1916
Breeder and owner:
Martin Hoffman, Valley Falls, N. Y.

40729 **Great Hill's Dream**
Sire *Great Hill's Golden Secret* (28829)
Dam *White Wing of Edgewater* (38489)
Born—Sept. 11, 1916
Breeder and owner:
Galen L. Stone, Marion, Mass.

40730 **Stockdale Knight**
Sire *Stockdale Masher* (29081)
Dam *Imp. Donnington Kiss Me* (45906)
Born—Aug. 26, 1916
Breeder and owner:
Rud. K. Hynicka, Lebanon, Pa.

40731 **Stockdale Masher's Don**
Sire *Stockdale Masher* (29081)
Dam *King's Deanie* (25400)
Born—Sept. 18, 1916
Breeder and owner:
Rud. K. Hynicka, Lebanon, Pa.

40732 **Christy Glenwood**
Sire *Christy of Pinehurst* (13619)
Dam *Maud of Oak Hill* (20104)
Born—May 16, 1916
Breeder and owner:
M. B. Lee, Hillsboro, Wis.

40733 **Soso's Aimable of Inverness**
Sire *Aimable's Columbus of Oak Ridge* (26945)
Dam *Soso of Alfalfa Farms* (31064)
Born—April 13, 1916
Breeder—Thomas F. Ryan, Oak Ridge, Va.
Owner—J. P. Agnew & Son, Burkeville, Va.

40734 **Margie's Aimable of Inverness**
Sire *Imp. Aimable of the Isle* (18373)
Dam *Margie Spratley of Bradhurst* (55614)
Born—June 14, 1916
Breeder and owner:
J. P. Agnew & Son, Burkeville, Va.

40735 **May Rose Golden King**
Sire *Langwater Golden Secret* (26510)
Dam *Royal's Pretty Pearl* (50085)
Born—May 12, 1916
Breeder and owner:
M. T. Phillips, Pomeroy, Pa.

40736 **Halley of the Ridge**
Sire *Excelsior of Linwood* (27513)
Dam *Susie of the Ridge* (43719)
Born—Sept. 3, 1916
Breeder and owner:
Fred C. Gleason, Sodus, Mich.

40737 **Mapledale's Punch**
Sire *Bartlett's Punch* (29794)
Dam *Bartlett's Alsatia* (52147)
Born—April 18, 1916
Breeder—Augustus P. Loring, Boston, Mass.
Owner—Frank A. Roper, Owego, N. Y.

40738 **Jethro's Knight**
Sire *Jethro's Gay Lad of Prairie Side* (20420)
Dam *Missy of Prairie Side* (39963)
Born—April 23, 1916
Breeder—Harry & Pearl Armstrong, Latimer, Iowa.
Owner—F. A. & F. H. Roper, Owego, N. Y.

40739 **Arlena's Masher**
Sire *Masher Sequel Mapleton* (18437)
Dam *Arlena Mapleton* (34002)
Born—April 22, 1916
Breeder and owner:
Frank McFee, Oneonta, N. Y.

40740 **Fairbanks Pride**
Sire *Masherette's King of the May* (25298)
Dam *Beulah of Fairbanks* (33338)
Born—April 20, 1916
Breeder and owner:
Oscar Holm, Tigerton, Wis.

40741 **Ellis's Champion**
Sire *Pardette of Maple Grove* (23296)
Dam *Ellis of Two Creeks* (32308)
Born—Sept. 6, 1916
Twin with bull.
Breeder and owner:
George L. Rietz, Athens, Wis.

40742 **Myrtle's May King of Bonny Lea Farm**
Sire *Rhea's May King* (25474)
Dam *Myrtle of Bonny Lea Farm* (58559)
Born—April 17, 1916
Breeder and owner:
Alfred Anderson, Holton, Mich.

40743 **Golden Knight of Tarbell Farms**
Sire *Golden Secret of Pencoyd* (23462)
Dam *Roy's Betsey* (25535)
Born—April 9, 1916
Breeder and owner:
Gage E. Tarbell, Smithville Flats, N. Y.

40744 **Octavius of Tarbell Farms**
Sire *Golden Secret of Pencoyd* (23462)
Dam *Olive of White Hall* (27043)
Born—April 18, 1916
Breeder and owner:
Gage E. Tarbell, Smithville Flats, N. Y.

40745 **Wasteland Advocate 4th**
Sire *Wasteland Advocate* (24610)
Dam *Rosy O'Grady of Sunnyside* (23844)
Born—Aug. 9, 1916
Breeder and owner:
Norman B. Chandler, Unionville, Pa.

40746 **Keeper of Belgrade Light House**
Sire *Invincible of Hillside* (23280)
Dam *Georgia A.* (48848)
Born—April 19, 1916
Breeder and owner:
R. N. Guptill, Belgrade, Maine.

40747 **Cleveland Tom**
Sire *Schleswig Banner* (27542)
Dam *Bessie of Cleveland* (45246)
Born—April 13, 1916
Breeder and owner:
Armie Voigt, Cleveland, Wis.

40748 **King Masher of Marshfield**
Sire *Masher Bass* (26366)
Dam *Queen of Pleasant View Farm* (41261)
Born—May 25, 1916
Breeder—W. H. Allen, Chelsea, Wis.
Owner—W. W. Noll, Marshfield, Wis.

40749 **Prince of Marshfield**
Sire *Yeoman of Cameron* (25227)
Dam *Roxy of Nutting Farm* (57415)
Born—Sept. 1, 1916
Breeder and owner:
W. W. Noll, Marshfield, Wis.

40750 **Flo's Nix**
Sire *Nautilus* (20910)
Dam *Amherst Flo* (37089)
Born—April 26, 1916
Breeder and owner:
H. M. Jacklin, Waupaca, Wis.

40751 **Glenola Udoxy's King**
Sire *Masher Glenwood King of Green View* (30111)
Dam *Glenola Udoxy* (55637)
Born—Aug. 22, 1916
Breeder and owner:
Albert Paulson, Marshfield, Wis.

40752 **King Replica**
Sire *Itchen Daisy's May King of Langwater* (17349)
Dam *Chilmark's Replica* (36259)
Born—April 10, 1916
Breeder—V. Everit Macy, Ossining, N. Y.
Owner—Charles Hornburg, Ira, N. Y.

40753 **Broad Ripple's Expectation**
Sire *Maesmawr's King of the May* (20356)
Dam *Julia Ann* (16307)
Born—April 8, 1916
Breeder—William D. Williams, Waukesha, Wis.
Owner—George W. Browne, Waukesha, Wis.

40754 **Roberts' Boy of Westford**
Sire *Imp. Roberts' Boy of the Barras* (22446)
Dam *Meddler's Edith of Cox Farm* (45866)
Born—March 10, 1916
Breeder and owner:
Louis S. Cox, Lawrence, Mass.

40755 **John Carver of Green Acres**
Sire *Nora B.'s Glenwood* (25393)
Dam *Lorna Doone of Sunny View* (53682)
Born—July 31, 1916
Breeder and owner:
Woodbridge O. Johnson, Holtville, Cal.

40756 **Rastus of Hillswold**
Sire *Imp. His Excellency of Linda Vista* (28386)
Dam *Thirty Thousand Eight Hundred Two* (30802)
Born—Sept. 8, 1916
Breeder and owner:
E. E. Hills, Shrewsbury, Mass.

40757 **Deacon of Elderon**
Sire *Glenwoodson* (20763)
Dam *Marcelle of Lake View* (52233)
Born—June 17, 1916
Breeder and owner:
A. J. Plowman, Elderon, Wis.

40758 **Merrimac of Lake View**
Sire *Prince Lewison of Lake View* (25512)
Dam *Imp. Violet of the Grée III.* (23659)
Born—July 3, 1916
Breeder and owner:
A. J. Plowman, Elderon, Wis.

40759 **Beecher of Lake View**
Sire *Glenwoodson* (27063)
Dam *Lillian Lake View* (41501)
Born—Aug. 25, 1916
Breeder and owner:
A. J. Plowman, Elderon, Wis.

40760 **Marco of Elderon**
Sire *Glenwoodson* (27063)
Dam *Elma of Elderon* (55948)
Born—Sept. 2, 1916
Breeder and owner:
A. J. Plowman, Elderon, Wis.

40761 **Glen of Lake View**
Sire *Glenwoodson* (27063)
Dam *Agoonak* (55089)
Born—Sept. 30, 1916
Breeder and owner:
A. J. Plowman, Elderon, Wis.

40762 **Bob Wilson**
Sire *Portia's Woodrow Wilson* (23162)
Dam *Larkfield Good Intent* (45770)
Born—May 17, 1916
Breeder and owner:
William Monogue, Fort Atkinson, Wis.

40763 **Guido of Sarnia**
Sire *Jessy Rose's Pride of Iowa* (23955)
Dam *Desire of Sarnia* (49572)
Born—March 23, 1916
Breeder and owner:
Charles L. Hill, Rosendale, Wis.

40764 **Governor of Sarnia**
Sire *Jessy Rose's Pride of Iowa* (23955)
Dam *May Yeksa* (13446)
Born—April 28, 1916
Breeder and owner:
Charles L. Hill, Rosendale, Wis.

40765 **Golden Lad of Sarnia**
Sire *Jessy Rose's Pride of Iowa* (23955)
Dam *Belle Brandon of Sarnia* (35367)
Born—May 9, 1916
Breeder and owner:
Charles L. Hill, Rosendale, Wis.

40766 **Imp. Gordon of Sarnia**
Sire On Alderney *Emperor of Quesnard* (R. A. A. S. 194 P. S.)
Dam *Imp. Dinette of Sarnia* (65356)
Born—July 7, 1916
Imp. in dam.
Breeder—N. Baron, Island of Alderney.
Owner—Charles L. Hill, Rosendale, Wis.

40767 **Imp. Gold Fern of Sarnia**
Sire On Alderney *Raymond of Blaye Farm* (R. A. A. S. 191 P. S.)
Dam *Imp. Duet of Sarnia* (65358)
Born—July 12, 1916
Imp. in dam.
Breeder—J. A. Pezet, Island of Alderney.
Owner—Charles L. Hill, Rosendale, Wis.

40768 **Belle's Golden King**
Sire *Golden King of Lone Pine* (26951)
Dam *Belle of O'Klare* (58718)
Born—June 1, 1916
Breeder—John T. Pritchard, Eau Claire, Wis.
Owner—Douglas County Work Farm, South Range, Wis.

40769 **Loftus Farms Pride**
Sire *Dexter of Tarbell Farms* (29432)
Dam *Lucile of Tarbell Farms* (44857)
Born—Aug. 26, 1916
Breeder and owner:
P. J. Loftus, North Bay, N. Y.

40770 **Park's Susan's Bob**
Sire *Park's Prince of Lima* (29530)
Dam *Imp. Lady Susan III. of the Bordages* (35465)
Born—May 10, 1916
Breeder and owner:
John H. Williams, Waukesha, Wis.

40771 **Park's Flossie's Jewel**
Sire *Park's Prince of Lima* (29530)
Dam *Eagle Flossie* (18122)
Born—June 24, 1916
Breeder and owner:
John H. Williams, Waukesha, Wis.

40772 **Plummer Farm Miranda's Duke**
Sire *Plummer Farm King of the Glenwoods* (36435)
Dam *Plummer Farm Miranda* (46620)
Born—May 31, 1916
Breeder and owner:
Charles B. Plummer, Wilmore, Pa.

40773 **Plummer Farm Glenwood Myra's King**
Sire *Plummer Farm King of the Glenwoods* (36435)
Dam *Plummer Farm Glenwood Myra* (46623)
Born—June 1, 1916
Breeder and owner:
Charles B. Plummer, Wilmore, Pa.

40774 **Plummer Farm Glenwood Lad's Prince**
Sire *Plummer Farm Glenwood Lad* (14200)
Dam *Glenwood Diwan Girl* (38710)
Born—June 7, 1916
Breeder and owner:
Charles B. Plummer, Wilmore, Pa.

40775 **Pride of Lamoille**
Sire *Sir Joyce* (25907)
Dam *Ottilie* (15338)
Born—April 30, 1916
Breeder and owner:
C. L. Foss, North Hyde Park, Vt.

40776 **Emperor of Brookside**
Sire *Blanche's King of Rock* (31378)
Dam *Dawn of Brookside* (38671)
Born—May 30, 1916
Breeder and owner:
George D. Telfer, Fort Atkinson, Wis.

40777 **Rose's King of Brookside**
Sire *Blanche's King of Rock* (31378)
Dam *Rose of Morn* (31176)
Born—June 6, 1916
Breeder and owner:
George D. Telfer, Fort Atkinson, Wis.

40778 **Pride's Junior of Mill Grove**
Sire *Consider's Pride of Midlothian* (19584)
Dam *Bonnie Shaffer's Beauty* (53127)
Born—Sept. 17, 1916
Breeder and owner:
J. J. Hout, West Newton, Pa.

40779 **Margaret's Prince of Arrow Farm**
Sire *Fantine's Prince of Arrow Farm* (32457)
Dam *Julia's Pride of Arrow Farm* (68398)
Born—June 17, 1916
Breeder and owner:
John S. Petteys, Greenwich, N. Y.

40780 **Barney Weshpi**
Sire *Don Basilio* (29643)
Dam *Sam's Edith* (29196)
Born—March 16, 1916
Breeder and owner:
Frank W. Richardson, Garden City, Minn.

40781 **Bob Weshpi**
Sire *Don Basilio* (29643)
Dam *Adelaide Weshpi* (45835)
Born—March 17, 1916
Breeder and owner:
Frank W. Richardson, Garden City, Minn.

40782 **Ben Weshpi**
Sire *Don Basilio* (29643)
Dam *Abbie Weshpi* (45834)
Born—March 23, 1916
Breeder and owner:
Frank W. Richardson, Garden City, Minn.

40783 **Billy Weshpi**
Sire *Don Basilio* (29643)
Dam *Lula Babe* (27882)
Born—April 18, 1916
Breeder and owner:
Frank W. Richardson, Garden City, Minn.

40784 **Buster Weshpi**
Sire *Don Basilio* (29643)
Dam *Ganymede's Young Jess* (36887)
Born—July 10, 1916
Breeder and owner:
Frank W. Richardson, Garden City, Minn.

40785 **My Prince**
Sire *Ne Plus Ultra 4th* (29328)
Dam *Imp. Billy's France Gracieuse* (38906)
Born—March 1, 1916
Breeder and owner:
J. L. Hope, Madison, N. J.

40786 **Count of Uplands**
Sire *Florham Monarch* (20771)
Dam *Imp. Blancs Bois Lily 1st* (48944)
Born—Nov. 2, 1915
Breeder and owner:
F. P. Frazier & Son, Ipswich, Mass.

40787 **Upland's Cicero**
Sire *Tostevin's Lad of Great Hill* (27677)
Dam *Upland's Ellen* (55157)
Born—Aug. 10, 1916
Breeder and owner:
F. P. Frazier, Ipswich, Mass.

40788 **Upland's Caesar**
Sire *Tostevin's Lad of Great Hill* (27677)
Dam *Florham Minuet* (37946)
Born—Sept. 3, 1916
Breeder and owner:
F. P. Frazier, Ipswich, Mass.

40789 **Lily's Lad of Uplands**
Sire *Florham Monarch* (20771)
Dam *Imp. Comtesse Lily* (49317)
Born—Oct. 24, 1915
Breeder and owner:
F. P. Frazier, Ipswich, Mass.

40790 **Viola's Sam**
Sire *McKerrow's Yeksa Rider* (26049)
Dam *Princess Viola* (40555)
Born—Sept. 12, 1916
Breeder and owner:
J. R. Fleming, Merrimack, Wis.

40791 **Daniel Webster of Troy**
Sire *Major of Pleasant View* (16576)
Dam *Baby Gloria* (57186)
Born—Aug. 15, 1916
Breeder and owner:
D. S. Murdock, Troy Center, Wis.

40792 **Murdock's Merry Boy**
Sire *Major of Pleasant View* (16576)
Dam *Murdock's Merry Maid* (24064)
Born—Aug. 30, 1916
Breeder and owner:
D. S. Murdock, Troy Center, Wis.

40793 **Sequel of Hunter Camp**
Sire *Diana's Sequel of Keewaydin* (24353)
Dam *Bridget of Keewaydin* (50567)
Born—June 6, 1916
Breeder—Elbert H. Baker, Gates Mills, Ohio.
Owner—R. W. Lodge, Lisbon, Ohio.

40794 **Souvenir of Hunter Camp**
Sire *Beatrice's Souvenir of Keewaydin* (32276)
Dam *Governor's Rowellan of Keewaydin* (53320)
Born—June 24, 1916
Breeder—Elbert H. Baker, Gates Mills, Ohio.
Owner—R. W. Lodge, Lisbon, Ohio.

40795 **Governor of Hunter Camp**
Sire *Charmante's Governor of Keewaydin* (32277)
Dam *Richesse of Keewaydin* (53319)
Born—Aug. 16, 1916
Breeder—Elbert H. Baker, Gates Mills, Ohio.
Owner—R. W. Lodge, Lisbon, Ohio.

40796 **May Rose Orange King**
Sire *May Rose Excelsior* (30694)
Dam *Beau's Orange Beauty 2d* (25158)
Born—May 16, 1916
Breeder and owner:
Chauncey M. Turner, Schuyler Falls, N. Y.

40797 **Champion's Pearlson**
Sire *Penthesilia's Champion* (18102)
Dam *Pearly Fina* (41159)
Born—May 4, 1916
Breeder and owner:
Helendale Farms, Milwaukee, Wis.

40798 **Park's Jolly Boy**
Sire *Park's Prince of Lima* (29530)
Dam *Park's Elizabeth* (42283)
Born—July 13, 1916
Breeder and owner:
John H. Williams, Waukesha, Wis.

40799 **Don of Golden Glen**
Sire *Golden Glenwood of Pencoyd* (21672)
Dam *May of Golden Glen* (52978)
Born—Aug. 14, 1916
Breeder and owner:
George W. Thomas, Riverside, Cal.

40800 **Goshen Prince of Edgewood**
Sire *Lotta's Ben Bolt* (26535)
Dam *Histress May of Goshen* (35589)
Born—March 20, 1916
Breeder and owner:
William H. Beard, Rockville, Md.

68401 **Bessie Weshpi**
Sire *Don Basilio* (29643)
Dam *Ferna Weshpi* (47865)
Born—June 3, 1916
Breeder and owner:
Frank W. Richardson, Garden City, Minn.

68402 **Bonnie Yeksa Weshpi**
Sire *Don Basilio* (29643)
Dam *Yeksa Glendora* (33663)
Born—July 3, 1916
Breeder and owner:
Frank W. Richardson, Garden City, Minn.

68403 **Princess's May Daughter**
Sire *Naomi's Choice* (22872)
Dam *Princess Daughter & Naomi's Beauty* (64956)
Born—May 31, 1916
Breeder and owner:
W. H. Clark, Bridgeton, N. J.

68404 **Naomi's Choice's Princess**
Sire *Naomi's Choice* (22872)
Dam *Princess Naomi's Castel* (60783)
Born—July 6, 1916
Breeder and owner:
W. H. Clark, Bridgeton, N. J.

68405 **Sweet Charity**
Sire *Wardem Ultra King* (27922)
Dam *Christine of Upton Pyne* (46314)
Born—March 19, 1916
Breeder—William DeMott, Green Village, N. J.
Owner—J. L. Hope, Madison, N. J.

68406 **Falstaff's Wyoming of Upland Farms**
Sire *Langwater Cavalier* (21012)
Dam *Falstaff's Wyoming 2d* (20585)
Born—Oct. 26, 1914
Breeder and owner:
William C. Dunn, Essex, Mass.

68407 **Beta's Belle**
Sire *Petros of Fairfield* (27260)
Dam *Fairfield Beta* (51628)
Born—April 16, 1916
Breeder and owner:
H. L. Griffith, Leavittsburg, Ohio.

68408 **Florena Fern**
Sire *Proud Lad* (31964)
Dam *Homestead's Florena* (39411)
Born—May 3, 1916
Breeder and owner:
W. P. Whittier, Galena, Ohio.

68409 **Star's Jewel of Lime Rock**
Sire *Kimmy* (27654)
Dam *Star of Lima* (26144)
Born—May 4, 1916
Breeder and owner:
W. M. Hardiman, Pewaukee, Wis.

68410 **Daffodil's Queen of Lime Rock**
Sire *Kimmy* (27654)
Dam *Daffodil of Lima* (26146)
Born—June 4, 1916
Breeder and owner:
W. M. Hardiman, Pewaukee, Wis.

68411 **Annabell of Lone Bell Farm**
Sire *Kimmy* (27654)
Dam *Ping Pong of Hilly Beach 2d* (56339)
Born—Sept. 1, 1916
Breeder and owner:
Edgar Lees, Pewaukee, Wis.

68412 **Beauty of Willow Brook**
Sire *Lily's Oakland* (30990)
Dam *Fairy Maid of East View* (28100)
Born—May 13, 1916
Breeder and owner:
Henry Boom, Woodhull, N. Y.

68413 **Lassie's Blossom**
Sire *Major of Pleasant View* (16576)
Dam *Queen Coraline's Lassie* (46440)
Born—July 17, 1916
Breeder and owner:
D. S. Murdock, Troy Center, Wis.

68414 **Laurel's Buttercup 2d**
Sire *Major of Pleasant View* (16576)
Dam *Laurel's Buttercup* (38207)
Born—Aug. 1, 1916
Breeder and owner:
D. S. Murdock, Troy Center, Wis.

68415 **Faithful's Sunny Morn**
Sire *Major of Pleasant View* (16576)
Dam *Faithful's Girlie* (39259)
Born—Aug. 5, 1916
Breeder and owner:
D. S. Murdock, Troy Center, Wis.

68416 **Queen Coraline's Favorite**
Sire *Major of Pleasant View* (16576)
Dam *Queen Coraline* (36596)
Born—Aug. 9, 1916
Breeder and owner:
D. S. Murdock, Troy Center, Wis.

68417 **Goldilocks of Maple Avenue**
Sire *Major of Pleasant View* (16576)
Dam *Lorraine of Maple Avenue* (57187)
Born—Aug. 27, 1916
Breeder and owner:
D. S. Murdock, Troy Center, Wis.

68418 **Priceless Pearl**
Sire *Penthesilia's Champion* (18102)
Dam *Pearl of Florida* (33890)
Born—April 30, 1916
Breeder and owner:
Helendale Farms, Milwaukee, Wis.

68419 **Natoma La Concorde**
Sire *Imp. The Conqueror IV.* (17131)
Dam *Imp. La Concorde II.* (19484)
Born—April 15, 1916
Breeder and owner:
Natoma Farm, Hinsdale, Ill.

68420 **Natoma Cambria 2d**
Sire *Imp. The Conqueror IV.* (17131)
Dam *Natoma Cambria* (35439)
Born—May 10, 1916
Breeder and owner:
Natoma Farm, Hinsdale, Ill.

68421 **Golden Glen Mary**
Sire *Glenwood Boy of Maple Farm* (20228)
Dam *Maud of Sunny View* (42729)
Born—April 23, 1916
Breeder—I. J. Scott, Pomona, Cal.
Owner—George W. Thomas, Riverside, Cal.

68422 **Golden Glen Pansy**
Sire *May King of Fern Ridge* (17432)
Dam *Daisy of Sunny View* (49002)
Born—Aug. 24, 1916
Breeder and owner:
George W. Thomas, Riverside, Cal.

68423 **Maude Rilma of Willowdale**
Sire *Tom Rilma* (22539)
Dam *Oakdale's Maude of Sycamore* (45431)
Born—March 21, 1916
Breeder and owner:
C. L. Sisson, Almond, N. Y.

68424 **Maid of Kil-Den-Berg**
Sire *Glenwood of Kil-Den-Berg* (15395)
Dam *Edith of Kil-Den-Berg* (24866)
Born—Feb. 7, 1913
Breeder and owner:
Guy F. Swinnerton, Troy, N. Y.

68425 **Rena Rutila**
Sire *Rutila's Glenwood May King* (26235)
Dam *Rena of Poplar Grove* (36000)
Born—Feb. 5, 1916
Breeder—Harry M. Lord, Cockeysville, Md.
Owner—Harry S. Jenkins, Riderwood, Md.

68426 **Irene El Toro**
Sire *Don El Toro of Linda Vista* (23567)
Dam *Irene of Wasteland* (24929)
Born—April 1, 1916
Breeder—M. M. Hollingsworth, Landenberg, Pa.
Owner—Harry S. Jenkins, Riderwood, Md.

68427 **Holden IV.'s Lassie**
Sire *Imp. Holden IV.* (12179)
Dam *Hillcrest Farm Lassie* (46940)
Born—April 4, 1915
Breeder and owner:
Alfred I. Stubbs, West Salem, Wis.

68428 **Polly's Pride of Salem Farm**
Sire *Lady Tamworth's Glenwood* (20065)
Dam *Imp. Gallichan's Polly* (33119)
Born—July 15, 1915
Breeder—S. G. Courteen, Oconomowoc, Wis.
Owner—Alfred I. Stubbs, West Salem, Wis.

68429 **Salem Rosie**
Sire *Langwater Hambro* (21011)
Dam *Standard's Rose* (45190)
Born—Sept. 14, 1915
Breeder—Ralph Tratt, Whitewater, Wis.
Owner—Alfred I. Stubbs, West Salem, Wis.

68430 **Adelia of Salem Farm**
Sire *Westmoreland Reputation* (24752)
Dam *Imp. Adelia of Linwood* (48092)
Born—Sept. 20, 1915
Breeder—M. E. Schwarz, Sparta, Wis.
Owner—Alfred I. Stubbs, West Salem, Wis.

68431 **Golden Bow Elaine**
Sire *Serpent* (19802)
Dam *Golden Bow 2d* (20369)
Born—Nov. 8, 1915
Breeder—Roy Burton, Eagle, Wis.
Owner—Alfred I. Stubbs, West Salem, Wis.

68432 **Holden IV.'s Hazel**
Sire *Imp. Holden IV.* (12179)
Dam *Hazel Tucker* (35886)
Born—Dec. 28, 1915
Breeder and owner:
Alfred I. Stubbs, West Salem, Wis.

68433 **Elaine's Princess Rilma**
Sire *Bob Rilma's Superior* (27337)
Dam *Imp. Princess Elaine* (33133)
Born—Feb. 24, 1916
Breeder—S. G. Courteen, Oconomowoc, Wis.
Owner—Alfred I. Stubbs, West Salem, Wis.

68434 **Margaret Rilma**
Sire *Bob Rilma's Superior* (27337)
Dam *Yeksa's Margaret* (50702)
Born—Feb. 13, 1916
Breeder—S. G. Courteen, Oconomowoc, Wis.
Owner—Alfred I. Stubbs, West Salem, Wis.

68435 **Hambonnie**
Sire *Langwater Hambro* (21011)
Dam *Casterilius's Bonnie* (28618)
Born—April 10, 1916
Breeder and owner:
Ralph Tratt, Whitewater, Wis.

68436 **White Rose of Allen Farm**
Sire *Langwater Hambro* (21011)
Dam *Red Rose of Rocky Reach* (53332)
Born—June 20, 1916
Breeder—Alfred L. Lincoln, Norwell, Mass.
Owner—Frank G. Allen, Norwood, Mass.

68437 **Marthette of Allen Farm**
Sire *Langwater Hambro* (21011)
Dam *Martha of Ferndale* (48186)
Born—Aug. 31, 1916
Breeder—Alfred L. Lincoln, Norwell, Mass.
Owner—Frank G. Allen, Norwood, Mass.

68438 **Blossom of Idlehurst**
Sire *Duke of Comstock* (13813)
Dam *Jewel of Idlehurst* (51301)
Born—Oct. 2, 1916
Breeder and owner:
C. D. Benack, Hayward, Wis.

68439 **Echo of Idlehurst**
Sire *Duke of Comstock* (13813)
Dam *Kato of Idlehurst* (34287)
Born—Oct. 4, 1916
Breeder and owner:
C. D. Benack, Hayward, Wis.

68440 **Deer of Idlehurst**
Sire *Duke of Comstock* (13813)
Dam *Dolly of Idlehurst* (42545)
Born—Oct. 10, 1916
Breeder and owner:
C. D. Benack, Hayward, Wis.

68441 **Carmen O.**
Sire *Bill of the Divide* (31602)
Dam *Clara Rose Bud* (52869)
Born—Aug. 10, 1916
Breeder and owner:
H. G. Miller, Sheyenne, N. Dak.

68442 **Galaxy's Mar's E. M. F.**
Sire *Galaxy's Mar* (20752)
Dam *E. M. F. of Bon Ayre* (54543)
Born—April 25, 1916
Breeder and owner:
W. W. Stoddard, Cortland, Ohio.

68443 **Bonaparte's Garnet's Daughter**
Sire *Galaxy's Mar* (20752)
Dam *Bonaparte's Garnet* (45801)
Born—July 9, 1916
Breeder and owner:
W. W. Stoddard, Cortland, Ohio.

68444 **Nancy's Milkman's Butter Bowl**
Sire *Nancy's Milkman of Maple Lane* (29342)
Dam *Imp. Butter Bowl IV.* (36361)
Born—May 10, 1916
Breeder and owner:
Truman L. Middlebrook, Greenfield Center, N. Y.

68445 **Golden Butter Bowl 2d**
Sire *Masher Golden 3d* (22594)
Dam *Golden Butter Bowl* (55957)
Born—June 17, 1916
Breeder and owner:
Truman L. Middlebrook, Greenfield Center, N. Y.

68446 **Adah of Far View Farm**
Sire *Vulcan of Falcon's Flight* (29259)
Dam *Enda of Far View Farm* (42083)
Born—April 21, 1916
Breeder and owner:
W. H. Camp, Waterbury, Conn.

68447 **Adelaide of Far View Farm**
Sire *Vulcan of Falcon's Flight* (29259)
Dam *Lida of Far View Farm* (48487)
Born—April 26, 1916
Breeder and owner:
W. H. Camp, Waterbury, Conn.

68448 **Zona Martin**
Sire *Juan Sanchez Azcona* (27650)
Dam *Yanna Martin* (29555)
Born—April 20, 1916
Breeder and owner:
A. H. Hinman, Allenville, Wis.

68449 **Ouida Martin 2d**
Sire *Juan Sanchez Azcona* (27650)
Dam *Ouida Martin* (23474)
Born—April 23, 1916
Breeder and owner:
A. H. Hinman, Allenville, Wis.

68450 **Loreen Martin**
Sire *General Pancho Villa* (27652)
Dam *Jessy Martin 2d* (22229)
Born—April 24, 1916
Breeder and owner:
A. H. Hinman, Allenville, Wis.

68451 **Rozella Martin**
Sire *General Pancho Villa* (27652)
Dam *Rizpah Martin 2d* (23473)
Born—April 25, 1916
Breeder and owner:
A. H. Hinman, Allenville, Wis.

68452 **Charity Hayes**
Sire *Sophia's Jerry* (23591)
Dam *Ruth Hayes 2d* (18634)
Born—Sept. 28, 1914
Breeder and owner:
A. A. Newhall, Shelburne, Mass.

68453 **Faith Hayes 2d**
Sire *Sophia's Jerry* (23591)
Dam *Faith Hayes* (54959)
Born—Jan. 4, 1915
Breeder and owner:
A. A. Newhall, Shelburne, Mass.

68454 **Florham Memento**
Sire *Florham Moss Raider* (30517)
Dam *May Rose Maid* (41768)
Born—June 18, 1916
Breeder and owner:
J. L. Hope, Madison, N. J.

68455 **Golden Fawn Marie Spillers**
Sire *Dorena's King of Chestnut Hill* (26151)
Dam *Millicent of Arrowmink* (27046)
Born—Sept. 6, 1916
Breeder and owner:
George C. Brewer, Greenville, Ohio.

68456 **Lucille of Rocky Reach**
Sire *Florham Knight* (32353)
Dam *Lucille of Elmdale* (54653)
Born—June 27, 1916
Breeder and owner:
Alfred L. Lincoln, Norwell, Mass.

68457 **Buttercup of Rocky Reach**
Sire *Langwater Hambro* (21011)
Dam *Imp. Buttercup of Plaisance* (50401)
Born—July 8, 1916
Breeder and owner:
Alfred L. Lincoln, Norwell, Mass.

68458 **Margaret of Rocky Reach**
Sire *Langwater Hambro* (21011)
Dam *Margaret of Ferndale* (48188)
Born—Aug. 2, 1916
Breeder and owner:
Alfred L. Lincoln, Norwell, Mass.

68459 **Elmdale's Rose of Rocky Reach**
Sire *Langwater Hambro* (21011)
Dam *Elmdale's Rose* (45994)
Born—Aug. 21, 1916
Breeder and owner:
Alfred L. Lincoln, Norwell, Mass.

68460 **Miss Bella of Rocky Reach 2d**
Sire *Langwater Hambro* (21011)
Dam *Imp. Miss Bella of Rocky Reach* (52921)
Born—Aug. 22, 1916
Breeder and owner:
Alfred L. Lincoln, Norwell, Mass.

68461 **Wyola's Milkmaid of Rocky Reach**
Sire *Florham Knight* (32353)
Dam *Wyola of Rocky Reach* (52715)
Born—Aug. 28, 1916
Breeder and owner:
Alfred L. Lincoln, Norwell, Mass.

68462 **Roxanna D.**
Sire *Langwater Hambro* (21011)
Dam *Roxanna C.* (25143)
Born—Oct. 8, 1916
Breeder and owner:
Alfred L. Lincoln, Norwell, Mass.

68463 **Deborah of Rocky Reach**
Sire *Clatford Hero of Rocky Reach* (29163)
Dam *Deborah of Montevideo* (32543)
Born—Oct. 19, 1916
Breeder and owner:
Alfred L. Lincoln, Norwell, Mass.

68464 **Lady Bess of Stone Lakes**
Sire *Howard of Stone Lakes* (23982)
Dam *Josephine of Stone Lakes* (43542)
Born—Oct. 10, 1915
Breeder and owner:
William J. Shedd, Blue Island, Ill.

68465 **Star of Stone Lakes**
Sire *Howard of Stone Lakes* (23982)
Dam *Lady Peggy* (36276)
Born—Nov. 30, 1915
Breeder and owner:
William J. Shedd, Blue Island, Ill.

68466 **Woodcrest's Fern**
Sire *Delos of Morningside* (13409)
Dam *Norma of Rural Glade* (40522)
Born—Sept. 15, 1913
Breeder and owner:
A. S. Graybill, Bird in Hand, Pa.

68467 **Locust Lawn's Erma**
Sire *Leofa's Larkwell* (29686)
Dam *Norma of Rural Glade* (40522)
Born—Dec. 25, 1915
Breeder and owner:
A. S. Graybill, Bird in Hand, Pa.

68468 **Lady Clairvoyante II.'s Morningside**
Sire *Delos of Morningside* (13409)
Dam *Imp. Lady Clairvoyante II.* (35204)
Born—Nov. 1, 1913
Breeder and owner:
A. S. Graybill, Bird in Hand, Pa.

68469 **Itchen Lily of Prospect**
Sire *Imp. Itchen Bullrush* (27998)
Dam *Imp. Roehampton Lily of the Préel 2d* (52345)
Born—March 25, 1916
Breeder and owner:
W. W. Marsh, Waterloo, Iowa.

68470 **Raider's Fancy of Waddington**
Sire *Imp. Border Raider* (22243)
Dam *Imp. Fancy of les Câches II.* (61194)
Born—Aug. 21, 1916
Breeder and owner:
E. W. Oglebay, Wheeling, W. Va.

68471 **Delmar's Golden Lassie**
Sire *Randolph's Golden Morning* (26259)
Dam *Delmar's May Queen* (57656)
Born—May 8, 1916
Breeder and owner:
Mrs. Martha Boone, Stanley, Wis.

68472 **Delmar's Golden Flossie**
Sire *Randolph's Golden Morning* (26259)
Dam *Park's Butter Spot* (39213)
Born—May 12, 1916
Breeder and owner:
Mrs. Martha Boone, Stanley, Wis.

68473 **Delmar's Golden Beauty**
Sire *Randolph's Golden Morning* (26259)
Dam *Delmar's Spot* (54513)
Born—May 26, 1916
Breeder and owner:
Mrs. Martha Boone, Stanley, Wis.

68474 **Delmar's Myra**
Sire *Randolph's Golden Morning* (26259)
Dam *Park's Myra* (42284)
Born—June 2, 1916
Breeder and owner:
H. W. Boone, Stanley, Wis.

68475 **Arabell of Lake Bluff**
Sire *Miss Luetilius's Hambro* (28330)
Dam *Glorious Lenorill* (46775)
Born—April 20, 1916
Breeder and owner:
W. J. Heid, Fort Atkinson, Wis.

68476 **Imp. Rosey of Abbeyleix**
Sire *Governor of the Barras* (2966 E. G. H. B.) On Guernsey
Moss Rose's Sequel IV. of the Barras (R. G. A. S. 3433 P. S.)
Dam *Imp. Osceola Lady Rosey* (66978)
Born—July 2, 1916
Imp. in dam.
Breeder—H. Fitzwalter Plumptre, England.
Owner—F. S. Peer, Cranford, N. J.

68477 **Frances Rose of Wildwood**
Sire *Francis of Beechwood* (12248)
Dam *Wildwood Primrose* (47449)
Born—Aug. 10, 1916
Breeder and owner:
F. A. &. M. G. Eberlein, Shawano, Wis.

68478 **Sir Rosewood's Fern**
Sire *Sir Rosewood of Linda Vista* (18615)
Dam *Emma Fernwood* (30442)
Born—June 25, 1916
Breeder—Est. Edward Tilden, Delavan, Wis.
Owner—Mrs. Annie E. Tilden, Delavan, Wis.

68479 **Jennie of James River**
Sire *Chestnut Burr's Chief* (21732)
Dam *Virginia of Prospect* (56301)
Born—April 24, 1916
Breeder and owner:
Robert B. Mallory, Williamsburg, Va.

68480 **Larro**
Sire *Gay Lad of Follyland* (25920)
Dam *Gratitude of Applecot* (24230)
Born—May 26, 1916
Breeder and owner:
Francis W. Borden, Schaghticoke, N. Y.

68481 **Rose's Queen of Butternut Farm**
Sire *Count Yeksa of Glenwood* (34321)
Dam *Rose of Rockridge* (64027)
Born—June 9, 1916
Breeder—R. F. Johnson, Grand Rapids, Wis.
Owner—O. A. Crowell & E. S. Morrison, Almond, Wis.

68482 **Lady Glenwood's Fanny Ray**
Sire *Fanny's Raymond* (23074)
Dam *Bessie's Lady Glenwood* (34600)
Born—April 27, 1916
Breeder and owner:
R. K. McGowan, Renfrew, Pa.

68483 **Daisy Moon of Old Orchard**
Sire *Moonlight King of Anna Dean Farm* (29586)
Dam *Puff of Old Orchard* (54288)
Born—April 23, 1916
Breeder and owner:
J. J. Thompson, Lisbon, N. Y.

68484 **Marguerite of Ewing**
Sire *May Rose King of Ewing* (27234)
Dam *Imp. Nimble of the Mourants* (39471)
Born—June 12, 1916
Breeder and owner:
F. W. Roebling, Trenton, N. J.

68485 **Dorothy of Guernsey Hill**
Sire *Jeannette's Stranford of Pinehurst* (15027)
Dam *Jessie Ramona 2d* (27017)
Born—Aug. 22, 1916
Breeder and owner:
S. P. Boles, Colliers, W. Va.

68486 **Cottie of Guernsey Hill**
Sire *Jeannette's Stranford of Pinehurst* (15027)
Dam *Polly's Mono of Guernsey Hill* (51630)
Born—Aug. 30, 1916
Breeder and owner:
S. P. Boles, Colliers, W. Va.

68487 **Primrose's June of Fair View**
Sire *Noble's Sequel of Fair View* (34144)
Dam *Imp. Primrose of Mouilpied* (35397)
Born—June 1, 1916
Breeder and owner:
D. E. &. Ella A. Eustis, Hammond, N. Y.

68488 **Dorothy of Montevideo**
Sire *Prince Eustice of Montevideo* (28751)
Dam *Dorcas of Montevideo* (32542)
Born—April 24, 1916
Breeder and owner:
Herbert J. L. Bodwell, Sanbornton, N. H.

68489 **Blossom of Scotch Mountain**
Sire *Amosdale Duke* (13694)
Dam *Amos's Best* (25117)
Born—Jan. 20, 1912
Breeder and owner:
A. G. Amos, Delhi, N. Y.

68490 **Matilda of Scotch Mountain**
Sire *Judge of Spring Brook Farm* (17523)
Dam *Blossom of Scotch Mountain* (68489)
Born—April 28, 1916
Breeder and owner:
A. G. Amos, Delhi, N. Y.

68491 **Lady Marie of Valders**
Sire *George Henry of Valders* (26293)
Dam *Nancy Jane of Valders* (53386)
Born—May 25, 1916
Breeder and owner:
Oscar G. Berge, Valders, Wis.

68492 **Elsie May of Hillside**
Sire *Stranford's Glenwood of Pinehurst 4th* (16482)
Dam *Elsaminor 2d* (40966)
Born—April 28, 1916
Breeder and owner:
Est. Joseph Evans, Marlton, N. J.

68493 **Ingleside May Rose**
Sire *Pretoria's King of Midlothian* (22641)
Dam *Stranford's Alice of Ingleside* (40813)
Born—March 16, 1916
Breeder and owner:
Truman W. Brophy, Edison Park, Chicago, Ill.

68494 **Ingleside Pretoria Vrangue**
Sire *Pretoria's King of Midlothian* (22641)
Dam *Glenwood's Polly Vrangue of Ingleside* (37581)
Born—May 11, 1916
Breeder and owner:
Truman W. Brophy, Edison Park, Chicago, Ill.

68495 **Dolly Bloom's Chesterbrook of Ingleside**
Sire *Dolly Bloom's May King of Ingleside* (27447)
Dam *Ingleside Lady Chesterbrook* (53823)
Born—June 10, 1916
Breeder and owner:
Truman W. Brophy, Edison Park, Chicago, Ill.

68496 **Dolly Bloom's Neanietta of Ingleside**
Sire *Dolly Bloom's Ingleside King of the May* (32407)
Dam *Ingleside Neanietta* (55759)
Born—July 7, 1916
Breeder and owner:
Truman W. Brophy, Edison Park, Chicago, Ill.

68497 **Dolly Bloom's Queen Alice of Ingleside**
Sire *Dolly Bloom's Ingleside King of the May* (32407)
Dam *Ingleside Alice* (56277)
Born—July 13, 1916
Breeder and owner:
Truman W. Brophy, Edison Park, Chicago, Ill.

68498 **Pretoria's Nantaska of Ingleside**
Sire *Pretoria's King of Midlothian* (22641)
Dam *May King's Nantaska of Ingleside* (36574)
Born—Aug. 16, 1916
Breeder and owner:
Truman W. Brophy, Edison Park, Chicago, Ill.

68499 **Daisy Bell Yeksa of Fairview**
Sire *Tommie of Fairview* (25499)
Dam *Minnie's Yeksa of Fairview* (48719)
Born—March 20, 1916
Breeder and owner:
Charles Peiter, Marionville, Mo.

68500 **Nannie's Buttercup**
Sire *Lord Yeksa of Thorn Hill* (18918)
Dam *Nannie of Fairview* (45442)
Born—March 20, 1916
Breeder and owner:
Charles Peiter, Marionville, Mo.

68501 **Birdie's Fern**
Sire *Lord Yeksa of Thorn Hill* (18918)
Dam *Birdie of Fairview* (45444)
Born—June 2, 1916
Breeder—Charles Peiter, Marionville, Mo.
Owner—Est. Charles Peiter, Marionville, Mo.

68502 **Janet Opal of Kistler Homestead Farm**
Sire *Edgemont Dimple Bloom* (28596)
Dam *Thirty Thousand Six Hundred Sixty Three* (30663)
Born—March 6, 1916
Breeder—African Ostrich Farm and Feather Co., Bloomsburg, Pa.
Owner—F. C. Kistler, Bloomsburg, Pa.

68503 **Queen of Kistler Homestead Farm**
Sire *Dimple Y. of Wellversville* (23288)
Dam *Decoration of Hickory Dell Farm* (37938)
Born—March 19, 1916
Breeder and owner:
F. C. Kistler, Bloomsburg, Pa.

68504 **Mishicot Princess**
Sire *Master of Box Elder Lane Dairy Farm* (21645)
Dam *Mishicot Pet* (38025)
Born—May 12, 1916
Breeder and owner:
Oscar M. Samz, Two Rivers, Wis.

68505 **Twin Daisy of Maple Lane**
Sire *Nancy's Imp of Maple Lane* (22167)
Dam *Imp. Daisy VII. of the Tertre* (40083)
Born—Jan. 11, 1916
Twin with bull No. 38664.
Breeder and owner:
H. A. Bartholomew, Whitehall, N. Y.

68506 **Gertrude of Mountain View**
Sire *Judge of Birchwood* (22505)
Dam *Imp. Butterwitch of Sarnia* (44446)
Born—Sept. 13, 1915
Breeder and owner:
J. B. Van Wagener, Pittsburgh, Pa.

68507 **Cornelia of Mountain View**
Sire *Judge of Birchwood* (22505)
Dam *May Ona Glenwood* (39762)
Born—Sept. 29, 1915
Breeder and owner:
J. B. Van Wagener, Pittsburgh, Pa.

68508 **Betty of Mountain View**
Sire *Imp. Drew of Sarnia* (25312)
Dam *Imp. Kathleen of Mountain View* (48548)
Born—Oct. 8, 1915
Breeder and owner:
J. B. Van Wagener, Pittsburgh, Pa.

68509 **Locust Talladeen**
Sire *King Talladeen of Chestnut Hill* (13460)
Dam *Queen of Locust Hill* (21956)
Born—Jan. 25, 1914
Breeder—A. W. & F. E. Fox, Waukesha, Wis.
Owner—A. B. English, Albert Lea, Minn.

68510 **Cricket Talladeen**
Sire *King Talladeen of Chestnut Hill* (13460)
Dam *Cricket of Pomeroy* (25623)
Born—Feb. 8, 1914
Breeder—A. W. & F. E. Fox, Waukesha, Wis.
Owner—A. B. English, Albert Lea, Minn.

68511 **Lady of Dryden**
Sire *McMary of Woodend* (18456)
Dam *Lily of Dryden* (49108)
Born—Dec. 24, 1913
Breeder and owner:
H. W. Abraham, Gaylord, Minn.

68512 **Talladeen of Arnott**
Sire *Carlton of Hilly Beach* (19284)
Dam *Locust Talladeen* (68509)
Born—Jan. 6, 1916
Breeder—A. B. English, Albert Lea, Minn.
Owner—J. Arnbal & Soren J. Sorensen, Albert Lea, Minn.

68513 **John's Miss Alexandre**
Sire *John of the Abbey* (28732)
Dam *Miss Alexandre 3d's Daughter* (42499)
Born—Jan. 22, 1916
Breeder and owner:
Francis Shaw, Wayland, Mass.

68514 **Agnes's Daisy of Leslin**
Sire *Irish Lad* (20746)
Dam *Agnes of Leslin* (36930)
Born—March 29, 1916
Breeder and owner:
J. Amos Lesher, Chambersburg, Pa.

68515 **Odessa's Escenda**
Sire *Lord Sully* (20623)
Dam *Sophia's Odessa* (44945)
Born—Jan. 15, 1916
Breeder and owner:
C. A. Holt, Boise, Idaho.

68516 **Little Daughter**
Sire *Cruce Karbo* (23164)
Dam *Adella's Maid* (54731)
Born—April 14, 1916
Breeder and owner:
Foy & Shemwell, Lexington, N. C.

68517 **Madison Marigold**
Sire *Dairymaid's Glenwood of Pinehurst 3d* (26948)
Dam *Imp. Daisy of Linwood* (48064)
Born—April 19, 1916
Breeder—Homer F. Rundell, Livingston, Wis.
Owner—Walter R. Klasen, Madison, Ohio.

68518 **Pearl's Blue Violet**
Sire *John Cameron* (25256)
Dam *Sabina's Pearl* (47802)
Born—April 1, 1916
Breeder and owner:
Moses Eaby, Landenberg, Pa.

68519 **Criterion's Buttercup of Sunnyside**
Sire *Imp. Roberts' Criterion of Bellview* (26887)
Dam *Imp. Cissey's Jewel II.* (43084)
Born—May 2, 1916
Breeder and owner:
Clifford H. Bassett, Valley Falls, N. Y.

68520 **Coldwell's Hope**
Sire *Emery Troil* (15464)
Dam *Coldwell's Leading Lady* (30941)
Born—April 7, 1913
Breeder and owner:
A. M. Alexander, Cossayuna, N. Y.

68521 **Pinehurst Olga**
Sire *Selma's Main Stay* (17493)
Dam *Pinehurst Maxine 2d* (49927)
Born—Nov. 14, 1915
Breeder and owner:
E. W. Strawbridge, Moorestown, N. J.

68522 **Pinehurst Yellow Rose**
Sire *Glenwood's Combination 8th* (12550)
Dam *Golden Yellow Rose* (36665)
Born—April 11, 1916
Breeder and owner:
E. W. Strawbridge, Moorestown, N. J.

68523 **Pinehurst Merta**
Sire *Selma's Main Stay* (17493)
Dam *Pinehurst's Pride* (54182)
Born—April 14, 1916
Breeder and owner:
E. W. Strawbridge, Moorestown, N. J.

68524 **Pinehurst Melody**
Sire *Selma's Main Stay* (17493)
Dam *Golden Melody* (37012)
Born—April 20, 1916
Breeder and owner:
E. W. Strawbridge, Moorestown, N. J.

68525 **Pinehurst Betsy**
Sire *Selma's Main Stay* (17493)
Dam *Imp. Betsy Justice* (45509)
Born—July 23, 1916
Breeder and owner:
E. W. Strawbridge, Moorestown, N. J.

68526 **Pinehurst Mollie**
Sire *Selma's Main Stay* (17493)
Dam *Golden Mollie Rose* (36667)
Born—Aug. 29, 1916
Breeder and owner:
E. W. Strawbridge, Moorestown, N. J.

68527 **Lily's Agatha**
Sire *Dairymaid's Ledyard Bay* (26931)
Dam *Pretor's Lily of Bluff View* (55818)
Born—April 17, 1916
Breeder and owner:
James D. Gibson, Whitney Crossings, N. Y.

68528 **Bossie's Dairymaid**
Sire *Dairymaid's Ledyard Bay* (26931)
Dam *Pretor's Bossie of Bluff View* (40834)
Born—May 3, 1916
Breeder and owner:
James D. Gibson, Whitney Crossings, N. Y.

68529 **Jasmine of Ringwood**
Sire *King Masher 5th* (18361)
Dam *Marigold of Ringwood* (43859)
Born—April 28, 1916
Breeder and owner:
Est. Arthur Ryerson, Springfield Center, N. Y.

68530 **Goldenrod of Ringwood**
Sire *King Masher 5th* (18361)
Dam *Imp. Buttercup III. of the Gron* (35403)
Born—May 3, 1916
Breeder and owner:
Est. Arthur Ryerson, Springfield Center, N. Y.

68531 **Betty of Spring Meadow**
Sire *Bijou's Teddy of Pleasant View* (30409)
Dam *Spring Meadow Daisy* (47563)
Born—June 4, 1916
Breeder and owner:
Lewis H. McGrath, Chilton, Wis.

68532 **Bertha Belle Marshall**
Sire *Ravensthorp's Ledyard* (28533)
Dam *Hope Marshall of Maple Terrace Farm* (33593)
Born—July 14, 1916
Breeder and owner:
F. D. Plummer, Harrington, Maine.

68533 **Glenwood's Alice of Mettowee**
Sire *Hazel's Count* (32300)
Dam *Glenwood's Ethel of Kinderhook* (46052)
Born—March 29, 1916
Breeder—Alfred T. Ogden, Kinderhook, N. Y.
Owner—Martin I. Sherman, Pawlet, Vt.

68534 **Pride's Primrose of Farview Farm**
Sire *Fernwood Boy of Maple Lane* (22772)
Dam *Pride of Farview Farm* (52708)
Born—May 9, 1916
Breeder and owner:
Maurice H. Allen, Clarksboro, N. J.

68535 **Scott's Princess of the Maples**
Sire *Fanny's Walter Sequel* (25070)
Dam *Imp. Nell of the Préel* (53964)
Born—April 10, 1916
Breeder and owner:
Earl G. Scott, Clayton, Mich.

68536 **Elfordleigh Brilliant of the Maples**
Sire *Fanny's Walter Sequel* (25070)
Dam *Imp. Elfordleigh Brilliant* (54027)
Born—May 25, 1916
Breeder and owner:
Earl G. Scott, Clayton, Mich.

68537 **Lucille of Gardeau**
Sire *Imp. Conqueror of Edgewater* (21245)
Dam *Toneta* (38761)
Born—March 25, 1916
Breeder—Charles H. Toan, Perry, N. Y.
Owner—Cone & Scott, Perry, N. Y.

68538 **Lucile's Buttercup of Lone Elm Farm**
Sire *Beau Diamond* (18329)
Dam *Lindy's Lucile of Sunny Side* (32549)
Born—Feb. 5, 1914
Breeder and owner:
J. M. Kurtz, Harrisonville, Mo.

68539 **Donna June of Maizeland**
Sire *Imp. Mena's Masher* (17604)
Dam *Cherry of Clovernook* (35880)
Born—April 1, 1916
Breeder and owner:
Harry Houck, Hannibal, Mo.

68540 **Lilly of Greenwood**
Sire *Rockingham of Edgemont* (28680)
Dam *Imp. Laurel of Bickleigh* (40100)
Born—April 2, 1916
Breeder and owner:
J. W. Bowman, Rohrsburg, Pa.

68541 **Ida of Greenwood**
Sire *Rockingham of Edgemont* (28680)
Dam *Dot of Greenwood* (48833)
Born—July 6, 1916
Breeder and owner:
J. W. Bowman, Rohrsburg, Pa.

68542 **Lura's Dairymaid**
Sire *Bessie's Glenwood* (12768)
Dam *Lura Lady* (26902)
Born—Oct. 7, 1913
Breeder and owner:
G. A. Wigent, Watervliet, Mich.

68543 **Miss Sallie**
Sire *Scott's Champion* (29875)
Dam *Miss Dora* (44682)
Born—Sept. 11, 1916
Breeder and owner:
H. H. Scott, Sr., Morgana, S. C.

68544 **Ultra Hawthorn**
Sire *Wildwood Ne Plus Ultra* (29752)
Dam *Hawthorn's Daisy* (37526)
Born—May 2, 1916
Breeder and owner:
H. C. Adams, Algona, Iowa.

68545 **Ultra Flora**
Sire *Wildwood Ne Plus Ultra* (29752)
Dam *Wildwood Flora* (48281)
Born—May 9, 1916
Breeder and owner:
H. C. Adams, Algona, Iowa.

68546 **Galaxy's Nosegay**
Sire *Galaxy of the Owl's Nest* (28634)
Dam *Chilmark Nosegay* (34221)
Born—April 18, 1916
Breeder—A. S. Bell, West Alexander, Pa.
Owner—U. G. McIlvaine, Bentleyville, Pa.

68547 **Miss Amelia**
Sire *Victoria's Sequel of Highway* (28649)
Dam *Clover's Orphan* (67507)
Born—April 18, 1916
Breeder and owner:
R. T. Mumma, Amelia Court House, Va.

68548 **Lutie of Jericho**
Sire *St. Austell Salient* (27555)
Dam *Majella of Linwood* (41005)
Born—Sept. 22, 1916
Breeder and owner:
N. C. Dahl, South Haven, Mich.

68549 **Buttercup of Maple Farm**
Sire *Chieftain of Maple Farm* (30601)
Dam *Ina Louise* (53083)
Born—Aug. 20, 1916
Breeder and owner:
Nelson H. Howe, McDonough, N. Y.

68550 **Miranda of Farview**
Sire *Mc Kerrow's Yeksa Prince* (28501)
Dam *Boisterous Miranda* (24772)
Born—April 14, 1916
Breeder and owner:
Harold Taylor, Pewaukee, Wis.

68551 **Betty of Pine Grove**
Sire *Imp. May Rose of la Mare* (30664)
Dam *Imp. Rose of the Grée* (53556)
Born—May 16, 1916
Breeder and owner:
Est. George W. Ott, Doylestown, Pa.

68552 **Delilah of Pine Grove**
Sire *Imp. Nelson of Maple Lodge* (30667)
Dam *Imp. Grandiflora III. of the Hall* (53636)
Born—Aug. 8, 1916
Breeder and owner:
Est. George W. Ott, Doylestown, Pa.

68553 **Lady Jane of Laramie**
Sire *Bondholder of Prospect* (21516)
Dam *Irene of Sunnyside* (30005)
Born—March 8, 1914
Breeder and owner:
F. A. Holliday, Laramie, Wyo.

68554 **Miss Lillian C.**
Sire *Bondholder of Prospect* (21516)
Dam *Princess Miriam D.* (37826)
Born—April 30, 1914
Breeder and owner:
F. A. Holliday, Laramie, Wyo.

68555 **Princess Betty B.**
Sire *Bondholder of Prospect* (21516)
Dam *Bella of Sunnyside* (30003)
Born—Oct. 29, 1914
Breeder and owner:
F. A. Holliday, Laramie, Wyo.

68556 **Kate Picottine**
Sire *Picotte of Bon Ayre* (28371)
Dam *Kate's Flatterer* (20912)
Born—June 14, 1916
Breeder and owner:
A. Remington, Eau Claire, Wis.

68557 **Picotte's Lily Ella**
Sire *Picotte of Bon Ayre* (28371)
Dam *Lily Ella's Fairy's Fernwood* (39836)
Born—June 22, 1916
Breeder and owner:
A. Remington, Eau Claire, Wis.

68558 **Nancy of Berlin**
Sire *Follyland Puritan* (33718)
Dam *Rose Mary of Berlin* (49602)
Born—May 24, 1916
Breeder and owner:
B. G. Dodge, Berlin, N. Y.

68559 **Trixie of Twin Oaks**
Sire *Leander of Chinquak Park* (16489)
Dam *Venus of Twin Oaks* (50831)
Born—April 20, 1916
Breeder and owner:
C. O. Heldstab, Rice Lake, Wis.

68560 **Moorland's Donna**
Sire *Langwater Sailor* (20610)
Dam *Donna Amherst* (15737)
Born—Jan. 9, 1914
Breeder and owner:
E. A. Moore, New Britain, Conn.

68561 **Moorland's Sunbeam**
Sire *Langwater Sailor* (20610)
Dam *Ray* (35099)
Born—April 30, 1914
Breeder and owner:
E. A. Moore, New Britain, Conn.

68562 **Belle of Green Acre**
Sire *Imp. Billaxy* (22259)
Dam *Belle of Glenville* (54142)
Born—Aug. 24, 1916
Breeder—A. J. Snyder, Plumsteadville, Pa.
Owner—John A. Miller, Nazareth, Pa.

68563 **May of Green Acre**
Sire *Imp. Billaxy* (22259)
Dam *Yeoman's May of Rural Glade* (53085)
Born—Sept. 15, 1916
Breeder—A. J. Snyder, Plumsteadville, Pa.
Owner—John A. Miller, Nazareth, Pa.

68564 **Stowaway's Amelia**
Sire *Masher's Stowaway* (22350)
Dam *Raymond's Amelia* (46124)
Born—May 6, 1915
Breeder and owner:
Spencer Kellogg, Derby, N. Y.

68565 **Lochevan Flossie**
Sire *King Masher 3d* (17754)
Dam *Wagtail's Echo* (54779)
Born—Nov. 29, 1915
Breeder and owner:
Spencer Kellogg, Derby, N. Y.

68566 **Thelma Betsey**
Sire *Marie's Main-sheet* (20166)
Dam *Vaughn 2d* (39898)
Born—March 4, 1916
Breeder and owner:
H. W. Naylor, Mount Vision, N. Y.

68567 **Upland's Faith**
Sire *Florham Monarch* (20771)
Dam *Imp. Princess II. of les Câches* (45226)
Born—March 24, 1916
Breeder and owner:
Frank P. Frazier, Ipswich, Mass.

68568 **Norma of Birchwood**
Sire *Dairymaid's King* (12898)
Dam *Masher's Golden of Birchwood* (32340)
Born—April 2, 1916
Breeder and owner:
M. L. Welles, Rosendale, Wis.

68569 **Dorris Linden**
Sire *Ben Raymond of Spring Water* (28179)
Dam *Linden's Last* (41846)
Born—Sept. 21, 1916
Breeder and owner:
J. H. Girdwood, Henderson, Mich.

68570 **Lady Frenchman's Bijou**
Sire *Imp. Governor of St. Croix* (26358)
Dam *Lady Frenchman* (45598)
Born—Dec. 29, 1915
Breeder—B. L. Rundell, Hammond, Wis.
Owner—Charles Moeser, Cincinnati, Ohio.

68571 **Juno of Girdle Ridge**
Sire *Imp. Sequel's Monogram* (15649)
Dam *Imp. Pride of the Houguette* (28254)
Born—July 23, 1916
Breeder and owner:
William Fahnestock, Katonah, N. Y.

68572 **Madra Sally**
Sire *Madra's Squire* (26699)
Dam *Grace Roberts of St. Croix* (48117)
Born—May 14, 1916
Breeder and owner:
Allan H. Dickson, Elk Mound, Wis.

68573 **Lily's Sweet Mary**
Sire *Madra's Squire* (26699)
Dam *Fairy's Lily of Bonnie Brae* (44657)
Born—July 4, 1916
Breeder and owner:
Allan H. Dickson, Elk Mound, Wis.

68574 **Guernfalfa Queen**
Sire *Préel VII.'s Champion Butter Boy* (26132)
Dam *Jennie's Beauty of the Cedars* (32924)
Born—Sept. 27, 1916
Breeder and owner:
Math Michels, Peebles, Wis.

68575 **Miss Molly of Moose Brook Farms**
Sire *Golden Secret of Elmwood* (21803)
Dam *Hinsdale Molly* (35266)
Born—Aug. 19, 1916
Breeder and owner:
A. W. Griswold, Elmwood, N. H.

68576 **Georgianna of Keszuckwand**
Sire *Chêne's Majesty* (20801)
Dam *Imp. Jeannette of the Duvaux III.* (39652)
Born—Sept. 25, 1916
Breeder and owner:
W. W. Kelchner, Sharon, Conn.

68577 **Nancy Millwood**
Sire *Put of Elm Farm* (24224)
Dam *Dorrit Millwood* (34064)
Born—April 17, 1916
Breeder and owner:
Noah H. Warburton, Rochester, N. H.

68578 **Hope's Buttercup of Village View Farm**
Sire *Naomi's King of Maple Hill Farm* (24426)
Dam *Hope's Blossom of Orchardcrest* (41054)
Born—April 20, 1916
Breeder and owner:
Ludwig T. Lee, Holmen, Wis.

68579 **Apollo's Glenwood Girl**
Sire *Apollo of Oak Ridge* (23229)
Dam *Linda of Ellerslie* (47274)
Born—May 5, 1916
Breeder and owner:
Frank S. Walker, Woodberry Forest, Va.

68580 **Conecroft Encore**
Sire *Pinehurst Atlas* (19008)
Dam *Lady Passmore* (38027)
Born—April 4, 1916
Breeder and owner:
Ralph W. Cone, Larned, Kansas.

68581 **Empress of Maple Spring**
Sire *Maida's Leander* (29573)
Dam *Countess of Maple Spring* (33463)
Born—April 21, 1916
Breeder and owner:
L. A. Johnson, Walton, N. Y.

68582 **Lynbrook Dolly**
Sire *Cora's Governor King of Chilmark* (27641)
Dam *Lynbrook Farm's Lord Orange's Daughter* (43113)
Born—July 25, 1916
Breeder and owner:
T. P. Lindsay, Southboro, Mass.

68583 **Lynbrook Minna**
Sire *Cora's Governor King of Chilmark* (27641)
Dam *Kate Dillon of Waumesit* (30225)
Born—Aug. 1, 1916
Breeder and owner:
T. P. Lindsay, Southboro, Mass.

68584 **Hero's La Grande**
Sire *Imp. Hero of Bellview* (22360)
Dam *Imp. La Grande XV. du Bas Sejour* (39670)
Born—Sept. 15, 1914
Breeder and owner:
B. S. Fryar, Sumner, Wash.

68585 **Beauty's Girl of Highland View**
Sire *Glenwood's Prince of El Moore Farm* (31551)
Dam *Beauty of Alfred 2d* (33600)
Born—May 23, 1916
Breeder and owner:
Harry Leaton, Wyoming, N. Y.

68586 **Topsy of Highland View**
Sire *Glenwood's Prince of El Moore Farm* (31551)
Dam *Lily Milk Maid* (62141)
Born—June 1, 1916
Breeder and owner:
Harry Leaton, Wyoming, N. Y.

68587 **Ione C.**
Sire *Masher's Uel* (21513)
Dam *Mollie E.* (22318)
Born—Jan. 28, 1916
Breeder and owner:
John F. Gallagher, Waterbury, Conn.

68588 **New Hope of Hillside**
Sire *Sis Cooper's Governor* (18750)
Dam *Blossena of Hillside* (45262)
Born—April 19, 1916
Breeder and owner:
Jared Van Wagenen, Jr., Lawyersville, N. Y.

68589 **Franc's Babe**
Sire *Maplecrest Spotswood Sequel* (32704)
Dam *Franc of Maplecrest* (55789)
Born—July 10, 1916
Breeder—George W. Love, Garrettsville, Ohio.
Owner—F. M. Lewis, Emlenton, Pa.

68590 **Rosebud's Blanche**
Sire *Show Boy Geddis* (29005)
Dam *Dairymaid's Rosebud* (49752)
Born—July 20, 1916
Breeder and owner:
E. C. Solberg, Leon, Wis.

68591 **Margaret's Fern Leaf**
Sire *Bopeep's Mar of Iowa 2d* (27883)
Dam *Beauty's Margaret* (58248)
Born—May 1, 1916
Breeder and owner:
E. H. Eberhardt, Albert Lea, Minn.

68592 **Pauline of Grove Farm**
Sire *Billy of Kentrevor* (29859)
Dam *Julia of Grove Farm* (47398)
Born—May 10, 1916
Breeder and owner:
Julius W. Price, Waukesha, Wis.

68593 **Hickory Grove's Cherry**
Sire *Dairymaid's Standard of Iowa* (28946)
Dam *Dolly of Hickory Grove* (65325)
Born—April 21, 1916
Breeder and owner:
T. J. Wright, Mauston, Wis.

68594 **Galaxy's Jessica**
Sire *Galaxy's Masher* (31368)
Dam *Jessica of Maplecrest* (39769)
Born—April 30, 1916
Breeder and owner:
John B. Jeanes, Warren, Ohio.

68595 **Corthera's Jewel**
Sire *Ace of Bellmath* (24421)
Dam *Corthera* (22289)
Born—May 1, 1916
Breeder and owner:
A. W. Binnall, Milltown, Wash.

68596 **Starlight's Pride**
Sire *Ace of Bellmath* (24421)
Dam *Skagit's Starlight* (54066)
Born—May 5, 1916
Breeder and owner:
A. W. Binnall, Milltown, Wash.

68597 **Pearl Beauty**
Sire *Ace of Bellmath* (24421)
Dam *Corthera's Pearl* (54067)
Born—May 10, 1916
Breeder and owner:
A. W. Binnall, Milltown, Wash.

68598 **Clara Bell Hay**
Sire *Marius of Pleasant Valley* (29409)
Dam *Miriam of Highland Home* (14365)
Born—Oct. 12, 1916
Breeder and owner:
J. R. Hay & Son, Camptown, Pa.

68599 **Queen of Twin Cedars**
Sire *Nicholas of Lakeview* (30327)
Dam *Arbutus of Sitka* (50657)
Born—Oct. 1, 1916
Breeder and owner:
Frank J. Zerlaut, Fremont, Mich.

68600 **Beulah of Pigeon Creek**
Sire *Woodrow Wilson* (23225)
Dam *Fawn of Riverside 3d* (52925)
Born—May 9, 1916
Breeder and owner:
T. A. Hetherington, Bentleyville, Pa.

68601 **Bob's Adella**
Sire *Bob Marshall* (13733)
Dam *Adella of Elm Spring* (30630)
Born—April 14, 1916
Breeder and owner:
Frank C. Webb, Medford, Minn.

68602 **Yeksa Ethel**
Sire *Sir Yeksa Prince Albert* (30267)
Dam *Yeksa Tutsie* (52450)
Born—April 12, 1916
Breeder and owner:
G. H. Lammers, Le Sueur, Minn.

68603 **Yeksa Mabel**
Sire *Imp. Sir Henry Hubert* (19960)
Dam *Yeksa's Elvira* (19956)
Born—May 12, 1916
Breeder and owner:
G. H. Lammers, Le Sueur, Minn.

68604 **Sir Henry Hubert's Jessie**
Sire *Imp. Sir Henry Hubert* (19960)
Dam *Oaklawn Jessie* (36136)
Born—May 13, 1916
Breeder and owner:
G. H. Lammers, Le Sueur, Minn.

68605 **Anne of Elmhurst**
Sire *Harman of Morningside, Jr.* (33049)
Dam *Betsey of Morningside* (64562)
Born—May 22, 1916
Breeder—J. E. Brotsman, Woodhull, N. Y.
Owner—E. G. Husted, Woodhull, N. Y.

68606 **Mono's Lady**
Sire *Helen's Bay King* (26930)
Dam *Mono's Dora of Lewison* (41072)
Born—April 2, 1916
Breeder and owner:
Marion Bower, Salem, Ohio.

68607 **Gladys's Betty of Ridgelands**
Sire *Tarbell Farms Pedro* (26981)
Dam *Gladys of Tarbell Farms* (45889)
Born—Sept. 15, 1916
Breeder and owner:
Howard D. Newton, Norwich, N. Y.

68608 **Clodia of Eastside**
Sire *Sequel's Yata of Willowdale* (21230)
Dam *Latona of Eastside* (19951)
Born—March 31, 1916
Breeder and owner:
Albert A. Bird, Cattaraugus, N. Y.

68609 **Olympia Doris**
Sire *Golden Triumph* (23892)
Dam *Olympia Queen* (42744)
Born—March 10, 1916
Breeder and owner:
Guernsey K. Chaplin, Seattle, Wash.

68610 **Arlene's Jewel**
Sire *Lincoln of Eastview* (29533)
Dam *Arlene's Hope* (47543)
Born—April 15, 1916
Breeder and owner:
Willard J. Tefft, Greenwich, N. Y.

68611 **Tristan's Beauty**
Sire *Tristan's Douglas* (28959)
Dam *Marguerite's Princess Beauty* (45775)
Born—July 4, 1916
Breeder and owner:
William M. Jones, Waukesha, Wis.

68612 **Royaline's Dora 4th**
Sire *Lord Waukesha* (10148)
Dam *Royaline's Dora* (17375)
Born—July 19, 1916
Breeder and owner:
William M. Jones, Waukesha, Wis.

68613 **Lizette's Beauty 2d's Daughter**
Sire *Maria's Sammy of Maple Heights* (31403)
Dam *Lizette's Beauty 2d* (49102)
Born—Aug. 10, 1916
Breeder and owner:
William M. Jones, Waukesha, Wis.

68614 **Lizette's Beauty 4th**
Sire *Imp. Gay Boy of McKerrow Farms* (30406)
Dam *Lizette's Beauty* (38496)
Born—Aug. 10, 1916
Breeder and owner:
William M. Jones, Waukesha, Wis.

68615 **Butternut Blossom 3d**
Sire *Lord Waukesha* (10148)
Dam *Butternut Blossom* (37720)
Born—Aug. 18, 1916
Breeder and owner:
William M. Jones, Waukesha, Wis.

68616 **Governor Rose's Queen Anne**
Sire *Governor Rose* (31347)
Dam *Thirty Thousand Eight Hundred Thirty Eight* (30838)
Born—Oct. 17, 1916
Breeder and owner:
L. F. Herrick, Worcester, Mass.

68617 **Lady Marjory of Cherry Hill**
Sire *Donald Pretor of Cornerview* (21668)
Dam *Lady Buttercup of Cherry Hill* (45460)
Born—Jan. 25, 1916
Breeder and owner:
F. Howard Slayton, Port Byron, N. Y.

68618 **Barbara Frietchie of Flying Hill**
Sire *Selma of Pinehurst 3d's Main Stay* (20692)
Dam *Imp. Bijou of the Marais* (33394)
Born—June 18, 1916
Breeder and owner:
Caroline Archer, Reading, Pa.

68619 **Beauty of Orono Farms**
Sire *Fernwood of Clovermead* (25680)
Dam *Gypsy Queen of Riverton* (34594)
Born—Feb. 12, 1916
Breeder and owner:
W. A. Benzie, Elk River, Minn.

68620 **Mildred of Lyndanwalt**
Sire *Lyndanwalt Lad* (26096)
Dam *Imp. Violet of La Lande* (28726)
Born—March 3, 1916
Breeder and owner:
W. E. Hering, Philadelphia, Pa.

68621 **Susie McGee of Milky Way**
Sire *Billy McGee* (33235)
Dam *Lavinia's Lady Girl* (56438)
Born—Sept. 11, 1916
Breeder and owner:
C. E. Edwards, Arpin, Wis.

68622 **Maple Lawn's Princess**
Sire *Selden of Pleasant View* (16838)
Dam *Parry's Kate* (35912)
Born—March 6, 1916
Breeder and owner:
F. R. Huntsinger, Eau Claire, Wis.

68623 **Lady Sequel of Myrna Maree Farm**
Sire *Sequel's King of Crystal Spring* (22711)
Dam *Lady of Green Valley* (40269)
Born—July 14, 1916
Breeder—C. G. Wilderson & G. W. Love, Leetonia, Ohio.
Owner—C. G. Wilderson, Leetonia, Ohio.

68624 **Sultan's Sequel of Myrna Maree Farm**
Sire *Sequel's King of Crystal Spring* (22711)
Dam *Sultan's Bonny Girl* (39017)
Born—July 16, 1916
Breeder—C. G. Wilderson & G. W. Love, Leetonia, Ohio.
Owner—C. G. Wilderson, Leetonia, Ohio.

68625 **Moonlight Beauty**
Sire *Miranda's Sister's Glenwood* (32362)
Dam *Adelaide of Milgrove* (52017)
Born—May 29, 1916
Breeder—Frank E. Cooley, Holt, Mich.
Owner—Herman L. Crane, Sharon Center, Ohio.

68626 **Nellie Gazelle**
Sire *Imp. Lover Bold of Anna Dean Farm* (30011)
Dam *Nellie Sunday of Hazelbrook* (53021)
Born—March 10, 1916
Breeder and owner:
D. T. Bishop, Hartville, Ohio.

68627 **Rose of Clover Glen**
Sire *King's Yeoman* (17716)
Dam *Stockbridge Helen* (17497)
Born—April 1, 1912
Breeder—W. E. Hanson, Barton, Vt.
Owner—J. E. Chase, Barton, Vt.

68628 **Lady Dimple Moore Villa**
Sire *DeWitt's Governor Groton* (28398)
Dam *Dolly of Moore Villa* (51103)
Born—Oct. 20, 1915
Breeder and owner:
C. C. Moore, Unadilla, N. Y.

68629 **Chêne's Beauty**
Sire *DeWitt's Governor Groton* (28398)
Dam *Bessie Hardwick of Edgemont* (39387)
Born—March 21, 1916
Breeder and owner:
C. C. Moore, Unadilla, N. Y.

68630 **Lady May's Queen's Daughter's Susan**
Sire *Fawn's Marshall* (21098)
Dam *Lady May's Queen's Daughter* (41085)
Born—May 7, 1916
Breeder and owner:
P. H. Peterson, Perry, Ohio.

68631 **Lord Butterfield's Daisy of the Braye**
Sire *Masher's Lord Butterfield 2d* (21612)
Dam *Imp. Jewel's Daisy of the Braye* (37275)
Born—July 14, 1916
Breeder and owner:
Grinnell Martin, Milford, Conn.

68632 **Trusty's Roena**
Sire *Coranna's Anchor* (10498)
Dam *Cora's Trusty* (20137)
Born—Feb. 20, 1910
Breeder and owner:
B. F. Dock, Winfield, Pa.

68633 **Saylor's Stella Doyle**
Sire *Tungsten* (21589)
Dam *Imp. Doyle's Fanny II.* (35825)
Born—May 11, 1916
Breeder and owner:
William H. Saylor, San Francisco, Cal.

68634 **Hepatica of Walnut Glens**
Sire *Baubigny's Squire of Keewaydin* (21834)
Dam *Cora's France of Walnut Glens* (39885)
Born—April 16, 1916
Breeder and owner:
R. D. Gates, Novelty, Ohio.

68635 **Beth's Jeanette**
Sire *Baubigny's Squire of Keewaydin* (21834)
Dam *Mabel Beth* (38924)
Born—May 28, 1916
Breeder—Edward F. Parpart, Chardon, Ohio.
Owner—R. D. Gates, Novelty, Ohio.

68636 **Magnetta**
Sire *Magnet's Sequel of Keewaydin* (22385)
Dam *Dairy Maid of Keewaydin* (38171)
Born—Sept. 8, 1915
Breeder and owner:
Wallace Sprang, Lakeville, Ohio.

68637 **Mar's Noble Galaxy**
Sire *Evergreen Sequel* (33288)
Dam *Dairy Maid of Spring Hill* (57363)
Born—March 18, 1916
Breeder and owner:
Wallace Sprang, Lakeville, Ohio.

68638 **Magnet's Noble Beatrice**
Sire *Magnet's Sequel of Keewaydin* (22385)
Dam *Dairy Maid of Keewaydin* (38171)
Born—Aug. 18, 1916
Breeder and owner:
Wallace Sprang, Lakeville, Ohio.

68639 **Daisy of Antrim Place**
Sire *King of Nottingham* (26109)
Dam *Oak Ridge Lady* (26448)
Born—April 30, 1916
Breeder and owner:
Calvin McMurray & Son, Venetia, Pa.

68640 **Rose of Antrim Place**
Sire *King of Nottingham* (26109)
Dam *Oak Ridge May* (34758)
Born—May 31, 1916
Breeder and owner:
Calvin McMurray & Son, Venetia, Pa.

68641 **Reuben's Catherine**
Sire *Reuben Ray* (24055)
Dam *Catherine of Canterbury* (38535)
Born—Jan. 30, 1916
Breeder and owner:
Canterbury Shakers, East Canterbury, N. H.

68642 **Lassie's Daughter of Valley Ridge**
Sire *Marshall of Valley Ridge* (23762)
Dam *Gay Lass of Valley Ridge* (55259)
Born—May 2, 1916
Breeder and owner:
J. H. Wade, Cleveland, Ohio.

68643 **Carnation's Bud of Valley Ridge**
Sire *Marshall of Valley Ridge* (23762)
Dam *Carnation of Valley Ridge* (37414)
Born—July 8, 1916
Breeder and owner:
J. H. Wade, Cleveland, Ohio.

68644 **Helene's Pride of Valley Ridge**
Sire *Red Lad of Valley Ridge* (35485)
Dam *Helene of Valley Ridge* (55258)
Born—Sept. 25, 1916
Breeder and owner:
J. H. Wade, Cleveland, Ohio.

68645 **Geneva's Merrie Lassie**
Sire *Follyland Sailor Boy* (29755)
Dam *Lassie of Locust Grove* (52927)
Born—Aug. 28, 1916
Breeder and owner:
James W. Davis, Rocks, Md.

68646 **Fannie Sequel of Corwin Hill**
Sire *Elmhurst May King* (25326)
Dam *Faseda of Bendobrook* (47742)
Born—Aug. 20, 1915
Breeder—L. W. Leonard, Wellsville, N. Y.
Owner—George W. Barrett, Andover, N. Y.

68647 **Wayland Ray of Middlerun Farm**
Sire *Imp. Lizette's Raymond of the Préel* (16934)
Dam *Sophie of Wayland* (38244)
Born—June 22, 1916
Breeder and owner:
M. R. Baker, Lisbon, Ohio.

68648 **Mabel's Marie of Middlerun Farm**
Sire *Imp. Lizette's Raymond of the Préel* (16934)
Dam *Mabel of Middlerun Farm* (48240)
Born—Aug. 1, 1916
Breeder and owner:
M. R. Baker, Lisbon, Ohio.

68649 **Lula of Louis Corners**
Sire *Princeling of Sunnybrook Farm* (26051)
Dam *Nelly of Louis Corners* (45042)
Born—May 9, 1916
Breeder and owner:
Herman Loos, Kiel, Wis.

68650 **Imp. Fairy Duchess**
(R. G. A. S. 7934 P. S.)
Sire *Imp. Billy's France* (12476)
Dam On Guernsey *Butter Maid of the Baissières* (R. G. A. S. 2698 F. S.)
Born—Jan. 28, 1908
Imp. to New York, Oct. 21, 1916, in S. S. Michigan, by Frederick Phillips, Villa Nova, Pa.
Breeder—John Nicolle, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68651 **Imp. May Rose of the Frie Bâton**
(R. G. A. S. 10455 P. S.)
Sire On Guernsey *Billy's France II.* (R. G. A. S. 2194 P. S.)
Dam On Guernsey *May Rose II. of la Masse* (R. G. A. S. 3519 F. S.)
Born—April 4, 1911
Imp. with No. 68650.
Breeder—Frederick Phillips, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68652 **Imp. Christine of the Frie Bâton**
Imp. as *Christine XXX.* (R. G. A. S. 10499 P. S.)
Sire On Guernsey *Billy's France II.* (R. G. A. S. 2194 P. S.)
Dam On Guernsey *Christine XI.* (R. G. A. S. 6083 P. S.)
Born—April 17, 1911
Imp. with No. 68650.
Breeder—Henry Robin, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68653 **Mazie of Planting Fields**
Sire *Beaverbrook Lad* (23601)
Dam *Florrie of Eastover* (49453)
Born—May 29, 1916
Breeder and owner:
W. R. Coe, Oyster Bay, N. Y.

68654 **Imp. Gracey of the Padins**
(R. G. A. S. 11865 P. S.)
Sire On Guernsey *Okay* (R. G. A. S. 2431 P. S.)
Dam On Guernsey *Gracey of the Choffins* (R. G. A. S. 7612 P. S.)
Born—July 3, 1912
Imp. with No. 68650.
Breeder—L. Hurel, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68655 **Imp. Lady Jeannette XLIII.**
(R. G. A. S. 11920 P. S.)
Sire *Imp. Clara's Sequel* (29414)
Dam On Guernsey *Lady Jeannette XXXIV.* (R. G. A. S. 7532 P. S.)
Born—July 15, 1912
Imp. with No. 68650.
Breeder—J. F. Browning, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68656 **Imp. Blanch of the Isle**
Imp. as *Blanch VIII.* (R. G. A. S. 12716 P. S.)
Sire On Guernsey *Freesia's Jewel* (R. G. A. S. 2576 P. S.)
Dam On Guernsey *Blanch V.* (R. G. A. S. 3155 F. S.)
Born—April 24, 1913
Imp. with No. 68650.
Breeder—N. de Mouilpied, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68657 **Imp. Pride's Daisy of Frie Bâton**
(R. G. A. S. 13006 P. S.)
Sire On Guernsey *Polly's Pride* (R. G. A. S. 2974 P. S.)
Dam *Imp. Raymond's Daisy of Frie Bâton* (50408)
Born—July 9, 1913
Imp. with No. 68650.
Breeder—Frederick Phillips, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68658 **Imp. Jubilastic II.**
(R. G. A. S. 13459 P. S.)
Sire *Imp. Governor of Myrtle Place II.* (40985)
Dam On Guernsey *Jubilastic* (R. G. A. S. 4335 F. S.)
Born—Dec. 5, 1913
Imp. with No. 68650.
Breeder—H. L. Carré, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68659 **Imp. Queen of the Frie Bâton**
Imp. as *Queen of La Turquie* (R. G. A. S. 13805 P. S.)
Sire On Guernsey *Maudette's Jewel II.* (R. G. A. S. 2956 P. S.)
Dam On Guernsey *Queen Elizabeth II.* (R. G. A. S. 11255 P. S.)
Born—Jan. 1, 1914
Imp. with No. 68650.
Breeder—H. Duport, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68660 **Imp. Florry's Beauty III. of La Contrée**
(R. G. A. S. 13603 P. S.)
Sire On Guernsey *Darby of the Blicqs* (R. G. A. S. 2926 P. S.)
Dam On Guernsey *Florry's Beauty* (R. G. A. S. 4752 F. S.)
Born—Jan. 31, 1914
Imp. with No. 68650.
Breeder—A. E. Robert, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68661 **Imp. Groignet Rose II.**
(R. G. A. S. 13849 P. S.)
Sire On Guernsey *Storm King III.* (R. G. A. S. 2835 P. S.)
Dam On Guernsey *Groignet Rose* (R. G. A. S. 4908 F. S.)
Born—Feb. 27, 1914 Imp. with No. 68650.
Breeder—E. T. P. Ozanne, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68662 **Imp. Duchess of Haut Pavé**
(R. G. A. S. 13970 P. S.)
Sire On Guernsey *Raymond of the Baissières* (R. G. A. S. 2936 P. S.)
Dam On Guernsey *Daisy II. of the Haut Pavé* (R. G. A. S. 6140 P. S.)
Born—April 23, 1914 Imp. with No. 68650.
Breeder—A. Williams, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68663 **Imp. Lizette II. of the Country Hospital**
(R. G. A. S. 14329 P. S.)
Sire On Guernsey *Raymond of the Baissières* (R. G. A. S. 2936 P. S.)
Dam On Guernsey *Lizette of the Country Hospital* (R. G. A. S. 4957 F. S.)
Born—April 29, 1914 Imp. with No. 68650.
Breeder—Country Hospital, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68664 **Imp. Nellie's Gem des Blancs Bois**
(R. G. A. S. 13564 P. S.)
Sire On Guernsey *Governor of the Chêne* (R. G. A. S. 1297 P. S.)
Dam On Guernsey *Nellie des Blancs Bois IX.* (R. G. A. S. 5468 P. S.)
Born—May 16, 1914 Imp. with No. 68650.
Breeder—A. J. Hocart, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68665 **Imp. Poundstock of Millmount IV.**
(R. G. A. S. 14082 P. S.)
Sire On Guernsey *Polly's Pride* (R. G. A. S. 2974 P. S.)
Dam On Guernsey *Poundstock of Millmount* (R. G. A. S. 3331 F. S.)
Born—May 26, 1914 Imp. with No. 68650.
Breeder—Mrs. J. Le Page, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68666 **Imp. Mignonette Colima**
(R. G. A. S. 14249 P. S.)
Sire *Imp. Prince of la Croisée* (40950)
Dam On Guernsey *Colima of the Paysans* (R. G. A. S. 7313 P. S.)
Born—July 13, 1914 Imp. with No. 68650.
Breeder—T. Tostevin, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68667 **Imp. Gipsy of King's Mills Lodge**
(R. G. A. S. 14331 P. S.)
Sire *Imp. Prince of la Croisée* (40950)
Dam On Guernsey *Daisy des Corbinets* (R. G. A. S. 3250 F. S.)
Born—July 23, 1914 Imp. with No. 68650.
Breeder—J. J. Falla, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68668 **Imp. Blue Bell of the Préel VI.**
(R. G. A. S. 14333 P. S.)
Sire On Guernsey *Raymond of the Baissières* (R. G. A. S. 2936 P. S.)
Dam On Guernsey *Blue Bell of the Préel* (R. G. A. S. 3584 F. S.)
Born—July 26, 1914 Imp. with No. 68650.
Breeder—J. W. Martel, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68669 **Imp. May Rose II. of the Frie Bâton**
(R. G. A. S. 14340 P. S.)
Sire *Imp. Prince of la Croisée* (40950)
Dam *Imp. May Rose of the Frie Bâton* (68651)
Born—July 29, 1914 Imp. with No. 68650.
Breeder—Frederick Phillips, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68670 **Imp. Violet of Theodora**
(R. G. A. S. 14344 P. S.)
Sire *Imp. Governor of the Vauquiedor* (39925)
Dam On Guernsey *Violet des Jaonnets* (R. G. A. S. 2119 F. S.)
Born—Aug. 2, 1914 Imp. with No. 68650.
Breeder—N. E. Hotton, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68671 **Imp. Evansward Lovesome**
Sire *Sir Golden Horn of Glynn* (2513 E. G. H. B.)
Dam *Imp. Lovesome of Enham* (61182)
Born—May 26, 1916 Imp. in dam.
Breeder—Frank S. Peer, England.
Owner—William S. Estabrook, Fayetteville, N. Y.

68672 **Imp. Mimosa III. of Meadow Farm**
(R. G. A. S. 14490 P. S.)
Sire On Guernsey *Sarnian Gem* (R. G. A. S. 363 F. S.)
Dam On Guernsey *Mimosa of Meadow Farm* (R. G. A. S. 9350 P. S.)
Born—Sept. 7, 1914 Imp. with No. 68650.
Breeder—H. West, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68673 **Imp. Mignonette La Paysante**
(R. G. A. S. 14560 P. S.)
Sire *Imp. Prince of la Croisée* (40950)
Dam On Guernsey *La Paysante* (R. G. A. S. 4875 F. S.)
Born—Oct. 4, 1914 Imp. with No. 68650.
Breeder—T. Tostevin, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68674 **Imp. Fairy Duchess III. of Frie Bâton**
(R. G. A. S. 14566 P. S.)
Sire *Imp. Prince of la Croisée* (40950)
Dam *Imp. Fairy Duchess* (68650)
Born—Oct. 14, 1914 Imp. with No. 68650.
Breeder—Frederick Phillips, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68675 **Imp. Cleopatra of Blancs Bois**
(R. G. A. S. 14701 P. S.)
Sire *Imp. Sailor Boy* (28600)
Dam On Guernsey *Wide Horn* (R. G. A. S. 2501 F. S.)
Born—Nov. 29, 1914 Imp. with No. 68650.
Breeder—A. J. Hocart, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68676 **Imp. Godetta of Padins de Bas**
(R. G. A. S. 14709 P. S.)
Sire On Guernsey *Polly's Pride* (R. G. A. S. 2974 P. S.)
Dam On Guernsey *Godetta* (R. G. A. S. 4535 F. S.)
Born—Nov. 30, 1914 Imp. with No. 68650.
Breeder—L. Hurel, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68677 **Imp. Violet III. of the Carrefour**
(R. G. A. S. 14698 P. S.)
Sire On Guernsey *My Boy of the Ruette* (R. G. A. S. 2679 P. S.)
Dam On Guernsey *Violet of the Carrefour* (R. G. A. S. 4074 F. S.)
Born—Dec. 10, 1914 Imp. with No. 68650.
Breeder—J. O. Martel, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68678 **Imp. Esperance of Theodora II.**
(R. G. A. S. 14732 P. S.)
Sire *Imp. Governor of the Vauquiedor* (39925)
Dam On Guernsey *Esperance des Jaonnets* (R. G. A. S. 3026 F. S.)
Born—Dec. 22, 1914 Imp. with No. 68650.
Breeder—N. E. Hotton, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68679 **Imp. Fannie de Blanche Pierre**
(R. G. A. S. 14839 P. S.)
Sire On Guernsey *Maid's Star* (R. G. A. S. 3224 P. S.)
Dam On Guernsey *Lily II. of the Duval* (R. G. A. S. 11764 P. S.)
Born—Feb. 7, 1915 Imp. with No. 68650.
Breeder—F. Demoy, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68680 **Imp. Lily Groignet**
(R. G. A. S. 14859 P. S.)
Sire On Guernsey *France's Jewel XVI.* (R. G. A. S. 2888 P. S.)
Dam On Guernsey *Lily Valinguet IX.* (R. G. A. S. 9994 P. S.)
Born—Feb. 13, 1915 Imp. with No. 68650.
Breeder—P. D. Ozanne, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68681 **Imp. Princess des Blancs Bois**
(R. G. A. S. 15065 P. S.)
Sire *Imp. Prince of la Croisée* (40950)
Dam On Guernsey *Cleopatra IV.* (R. G. A. S. 12195 P. S.)
Born—April 6, 1915 Imp. with No. 68650.
Breeder—A. J. Hocart, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68682 **Imp. Chérie du Vazon**
(R. G. A. S. 15236 P. S.)
Sire *Imp. Prince of la Croisée* (40950)
Dam On Guernsey *Chérie* (R. G. A. S. 7760 P. S.)
Born—June 12, 1915 Imp. with No. 68650.
Breeder—N. J. Le Page, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68683 **Imp. Violet III. of the Frie Bâton**
(R. G. A. S. 15326 P. S.)
Sire *Imp. Prince of la Croisée* (40950)
Dam On Guernsey *Violet of the Frie Bâton* (R. G. A. S. 4994 F. S.)
Born—June 23, 1915 Imp. with No. 68650.
Breeder—Frederick Phillips, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68684 **Imp. Rhoda des Blancs Bois**
(R. G. A. S. 15298 P. S.)
Sire *Imp. Prince of la Croisée* (40950)
Dam On Guernsey *Nellie des Blancs Bois IX.* (R. G. A. S. 5468 P. S.)
Born—June 25, 1915 Imp. with No. 68650.
Breeder—A. J. Hocart, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68685 **Imp. Billy's France Queenie IV. of the Préel**
(R. G. A. S. 15304 P. S.)
Sire On Guernsey *Emblem of France II.* (R. G. A. S. 3246 P. S.)
Dam On Guernsey *Billy's France Queenie of the Préel* (R. G. A. S. 3961 F. S.)
Born—July 2, 1915 Imp. with No. 68650.
Breeder—J. W. Martel, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68686 **Imp. Princess Lively of Frie Bâton**
Imp. as *Lively II. of Frie Bâton* (R. G. A. S. 15339 P. S.)
Sire *Imp. Prince of la Croisée* (40950)
Dam On Guernsey *Lively of the Frie Bâton* (R. G. A. S. 4824 F. S.)
Born—July 5, 1915 Imp. with No. 68650.
Breeder—Frederick Phillips, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68687 **Imp. Vazon Jessie**
(R. G. A. S. 15380 P. S.)
Sire On Guernsey *May Boy of the Camp* (R. G. A. S. 3374 P. S.)
Dam On Guernsey *Milk Channel* (R. G. A. S. 2707 F. S.)
Born—July 22, 1915 Imp. with No. 68650.
Breeder—N. J. Le Page, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68688 **Imp. Aurelia of Country Hospital**
(R. G. A. S. 15475 P. S.)
Sire On Guernsey *Emblem of France II.* (R. G. A. S. 3246 P. S.)
Dam On Guernsey *Primrose II. of the Country Hospital* (R. G. A. S. 12512 P. S.)
Born—Aug. 26, 1915 Imp. with No. 68650.
Breeder—Country Hospital, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68689 **Imp. Blanch of Frie Bâton**
(R. G. A. S. 15534 P. S.)
Sire On Guernsey *Polly's Pride* (R. G. A. S. 2974 P. S.)
Dam *Imp. Blanch of the Isle* (68656)
Born—Aug. 28, 1915 Imp. with No. 68650.
Breeder—Frederick Phillips, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68690 **Imp. Fairy Duchess IV. of Frie Bâton**
(R. G. A. S. 15542 P. S.)
Sire On Guernsey *Polly's Pride* (R. G. A. S. 2974 P. S.)
Dam *Imp. Fairy Duchess* (68650)
Born—Sept. 7, 1915 Imp. with No. 68650.
Breeder—Frederick Phillips, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68691 **Imp. Ruby Red of the Isles**
(R. G. A. S. 15663 P. S.)
Sire On Guernsey *Freda's Jewel* (R. G. A. S. 3436 P. S.)
Dam On Guernsey *Ruby Red du Beauregard* (R. G. A. S. 4456 F. S.)
Born—Oct. 31, 1915 Imp. with No. 68650.
Breeder—A. Le Cheminant, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68692 **Imp. Godetta of Padins de Bas II.**
(R. G. A. S. 15681 P. S.)
Sire On Guernsey *Polly's Pride* (R. G. A. S. 2974 P. S.)
Dam On Guernsey *Godetta* (R. G. A. S. 4535 F. S.)
Born—Nov. 1, 1915 Imp. with No. 68650.
Breeder—L. Hurel, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68693 **Imp. Pride's Daisy II. of Frie Bâton**
(R. G. A. S. 15682 P. S.)
Sire *Imp. Prince of la Croisée* (40950)
Dam *Imp. Pride's Daisy of Frie Bâton* (68657)
Born—Nov. 3, 1915 Imp. with No. 68650.
Breeder—Frederick Phillips, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68694 **Imp. Lily des Blancs Bois**
(R. G. A. S. 15816 P. S.)
Sire On Guernsey *Peter Pan des Blancs Bois* (R. G. A. S. 3397 P. S.)
Dam On Guernsey *Les Fontenelles Lily* (R. G. A. S. 4921 F. S.)
Born—Jan. 2, 1916 Imp. with No. 68650.
Breeder—A. J. Hocart, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68695 **Imp. Violet des Girards**
(R. G. A. S. 15894 P. S.)
Sire On Guernsey *Gay Boy of the Paysans* (R. G. A. S. 3384 P. S.)
Dam On Guernsey *Violette of Le Clos* (R. G. A. S. 5014 F. S.)
Born—Feb. 5, 1916 Imp. with No. 68650.
Breeder—G. Simon, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68696 **Imp. Esperance of Theodora III.**
(R. G. A. S. 15950 P. S.)
Sire *Imp. Governor of the Vauquiedor* (39925)
Dam On Guernsey *Esperance des Jaonnets* (R. G. A. S. 3026 F. S.)
Born—Feb. 15, 1916 Imp. with No. 68650.
Breeder—N. E. Hotton, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68697 **Imp. Anna of Country Hospital**
(R. G. A. S. 15905 P. S.)
Sire On Guernsey *Emblem of France II.* (R. G. A. S. 3246 P. S.)
Dam On Guernsey *Hospital Daisy II.* (R. G. A. S. 9279 P. S.)
Born—Feb. 17, 1916 Imp. with No. 68650.
Breeder—Country Hospital, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68698 **Imp. Christine's Heirloom III.**
(R. G. A. S. 15998 P. S.)
Sire *Imp. Honoria's Sequel II.* (40668)
Dam On Guernsey *Christine XIV.* (R. G. A. S. 6555 P. S.)
Born—March 5, 1916 Imp. with No. 68650.
Breeder—H. Robin, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68699 **Imp. Elmpines Sapphire**
Imp. as *Ivy's Unfortunate* (R. G. A. S. 16117 P. S.)
Sire On Guernsey *Governor's Pearl* (R. G. A. S. 3428 P. S.)
Dam On Guernsey *Unfortunate* (R. G. A. S. 4884 F. S.)
Born—April 13, 1916 Imp. with No. 68650.
Breeder—J. W. Le Page, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68700 **Imp. Glow of the Préel II.**
(R. G. A. S. 16049 P. S.)
Sire On Guernsey *Raymond of the Jaonnets* (R. G. A. S. 3525 P. S.)
Dam On Guernsey *Glow of the Préel* (R. G. A. S. 13627 P. S.)
Born—April 16, 1916 Imp. with No. 68650.
Breeder—J. W. Martel, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68701 **Imp. Catherine II. of the Corbière**
(R. G. A. S. 16165 P. S.)
Sire *Imp. Governor of the Ruettes* (39134)
Dam On Guernsey *Catherine of the Corbière* (R. G. A. S. 14436 P. S.)
Born—May 3, 1916 Imp. with No. 68650.
Breeder—J. Allez, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68702 **Imp. Violet IV. of the Frie Bâton**
(R. G. A. S. 16270 P. S.)
Sire On Guernsey *Polly's Pride* (R. G. A. S. 2974 P. S.)
Dam On Guernsey *Violet of the Frie Bâton* (R. G. A. S. 4994 F. S.)
Born—May 8, 1916
Imp. with No. 68650.
Breeder—Frederick Phillips, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68703 **Imp. Christine's Fancy II.**
(R. G. A. S. 16253 P. S.)
Sire *Imp. Squire V. of Bickleigh* (39133)
Dam On Guernsey *Christine's Fancy* (R. G. A. S. 13259 P. S.)
Born—June 6, 1916 Imp. with No. 68650.
Breeder—H. Robin, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68704 **Imp. Hampshire of Theodora**
(R. G. A. S. 16375 P. S.)
Sire On Guernsey *Governor's King's Prize* (R. G. A. S. 3473 P. S.)
Dam On Guernsey *Esperance of Theodora* (R. G. A. S. 13415 P. S.)
Born—June 11, 1916 Imp. with No. 68650.
Breeder—N. E. Hotton, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68705 **Imp. Daisy II. of Les Girards**
(R. G. A. S. 16519 P. S.)
Sire On Guernsey *Gay Boy of the Paysans* (R. G. A. S. 3384 P. S.)
Dam On Guernsey *Daisy of Les Girards* (R. G. A. S. 5124 F. S.)
Born—June 15, 1916 Imp. with No. 68650.
Breeder—G. A. Simon, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68706 **Imp. Milly des Girards**
(R. G. A. S. 16356 P. S.)
Sire On Guernsey *Gay Boy of the Paysans* (R. G. A. S. 3384 P. S.)
Dam On Guernsey *Milly of Le Clos* (R. G. A. S. 5050 F. S.)
Born—June 20, 1916 Imp. with No. 68650.
Breeder—G. A. Simon, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68707 **Imp. May Rose of Jaonnets**
(R. G. A. S. 16481 P. S.)
Sire *Imp. Governor of the Vauquiedor* (39925)
Dam On Guernsey *Cherry II. of the Jaonnets* (R. G. A. S. 9106 P. S.)
Born—July 29, 1916 Imp. with No. 68650.
Breeder—A. Le Ruez, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68708 **Imp. Elmpines Silk**
Imp. as *Ivy's Dewvaria* (R. G. A. S. 16546 P. S.)
Sire On Guernsey *Justinée of the Villocq* (R. G. A. S. 3570 P. S.)
Dam On Guernsey *Activaria III.* (R. G. A. S. 11810 P. S.)
Born—July 31, 1916 Imp. with No. 68650.
Breeder—J. W. Le Page, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68709 **Imp. Daisy du Hurel II.**
(R. G. A. S. 11125 P. S.)
Sire On Guernsey *Squire of Primrose Farm* (R. G. A. S. 1929 P. S.)
Dam On Guernsey *Daisy du Hurel* (R. G. A. S. 4270 F. S.)
Born—Nov. 20, 1911 Imp. with No. 68650.
Breeder—George S. De La Mare, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68710 **Imp. Dilcot**
(R. G. A. S. 12931 P. S.)
Sire On Guernsey *Royal Guide* (R. G. A. S. 2475 P. S.)
Dam On Guernsey *Rose of Coin Colin* (R. G. A. S. 4776 F. S.)
Born—May 14, 1913 Imp. with No. 68650.
Breeder—John Leaman, Island of Guernsey.
Owner—Frederick Phillips, Villa Nova, Pa.

68711 **Miss Creusa Masher**
Sire *Lottie's Old Glory* (40982)
Dam *Masher's Tahoma's Rutila's Sheet Anchor* (43939)
Born—June 3, 1913
Breeder and owner:
Mott F. Wilson, Bangor, Maine.

68712 **Miss Creusa Masher's Girl**
Sire *Primrose's Governor's Rival* (25013)
Dam *Miss Creusa Masher* (68711)
Born—April 2, 1916
Breeder and owner:
Mott F. Wilson, Bangor, Maine.

68713 **Imp. Sarkie of McKerrow Farms**
Imp. as *Sarkie of the Salines II.* (R. G. A. S. 13545 P. S.)
Sire On Guernsey *Dick des Salines* (R. G. A. S. 2986 P. S.)
Dam On Guernsey *Sarkie of the Salines* (R. G. A. S. 4741 F. S.)
Born—Dec. 25, 1913
Imp. to New York, Sept. 30, 1916, in S. S. Manchuria, by George McKerrow & Sons Co., Pewaukee, Wis.
Breeder—D. M. Gaudion, Island of Guernsey.
Owner—George McKerrow & Sons Co., Pewaukee, Wis.

68714 **Imp. McKerrow's Lady Jane**
Imp. as *Lady Jane of the Forgettes* (R. G. A. S. 13994 P. S.)
Sire On Guernsey *Governor of the Chêne* (R. G. A. S. 1297 P. S.)
Dam On Guernsey *Lady II. of the Forgettes* (R. G. A. S. 5853 P. S.)
Born—April 24, 1914 Imp. with No. 68713.
Breeder—P. Le Cheminant, Island of Guernsey.
Owner—George McKerrow & Sons Co., Pewaukee, Wis.

68715 **Imp. McKerrow's Santa Martona**
Imp. as *Santa Martona* (R. G. A. S. 14131 P. S.)
Sire On Guernsey *San Ricardo* (R. G. A. S. 3109 P. S.)
Dam On Guernsey *Castidad* (R. G. A. S. 7366 P. S.)
Born—June 17, 1914 Imp. with No. 68713.
Breeder—J. Rossiter Gibbons, Island of Guernsey.
Owner—George McKerrow & Sons Co., Pewaukee, Wis.

68716 **Imp. McKerrow's Proud Polly**
Imp. as *Rosy de la Seigneurie IV.* (R. G. A. S. 14376 P. S.)
Sire On Guernsey *Polly's Pride* (R. G. A. S. 2974 P. S.)
Dam On Guernsey *Rosy I. de la Seigneurie* (R. G. A. S. 4653 F. S.)
Born—Aug. 11, 1914 Imp. with No. 68713.
Breeder—P. Norman, Island of Guernsey.
Owner—George McKerrow & Sons Co., Pewaukee, Wis.

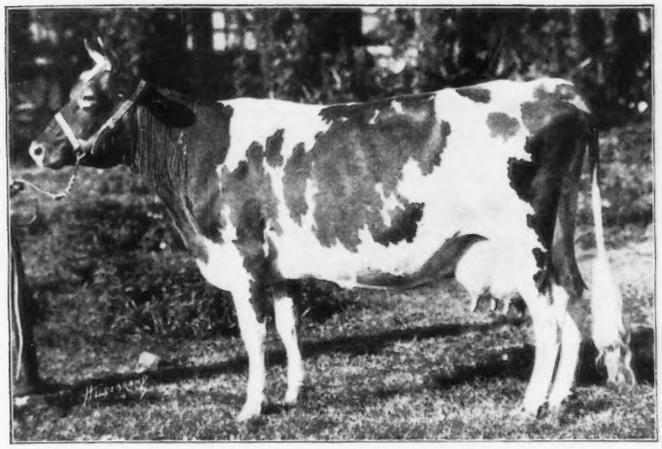
68717 **Imp. McKerrow's Lady des Prevosts**
Imp. as *Lady des Prevosts IV.* (R. G. A. S. 14507 P. S.)
Sire On Guernsey *Governor of the Chêne* (R. G. A. S. 1297 P. S.)
Dam On Guernsey *Lady des Prevosts* (R. G. A. S. 3494 F. S.)
Born—Sept. 20, 1914 Imp. with No. 68713.
Breeder—T. Le Patourel, Island of Guernsey.
Owner—George McKerrow & Sons Co., Pewaukee, Wis.

68718 **Imp. McKerrow's Lady Beauty**
Imp. as *Lady Beauty of Le Briquet* (R. G. A. S. 14564 P. S.)
Sire *Imp. Squire V. of Bickleigh* (39133)
Dam On Guernsey *Golden Beauty III. of Le Briquet* (R. G. A. S. 11700 P. S.)
Born—Oct. 14, 1914 Imp. with No. 68713.
Breeder—John Le Page, Island of Guernsey.
Owner—George McKerrow & Sons Co., Pewaukee, Wis.

68719 **Imp. Simone of McKerrow Farms**
Imp. as *Simone III. of the Couture* (R. G. A. S. 14569 P. S.)
Sire On Guernsey *Polly's Pride* (R. G. A. S. 2974 P. S.)
Dam On Guernsey *Simone* (R. G. A. S. 4517 F. S.)
Born—Oct. 18, 1914 Imp. with No. 68713.
Breeder—John Tostevin, Island of Guernsey.
Owner—George McKerrow & Sons Co., Pewaukee, Wis.

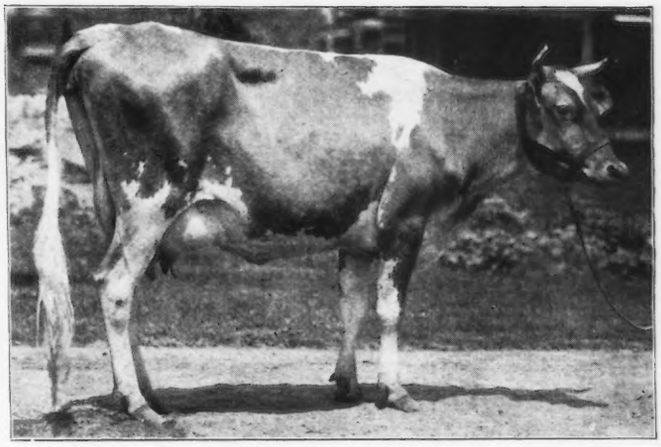
68720 **Imp. Governor's Rose of McKerrow Farms**
Imp. as *Rosy of the Villocq* (R. G. A. S. 14623 P. S.)
Sire On Guernsey *Governor of the Chêne* (R. G. A. S. 1297 P. S.)
Dam On Guernsey *Bonita of les Bordages* (R. G. A. S. 4134 F. S.)
Born—Nov. 9, 1914 Imp. with No. 68713.
Breeder—James Martel, Island of Guernsey.
Owner—George McKerrow & Sons, Co., Pewaukee, Wis.

THE ADVANCED REGISTER OF GUERNSEY CATTLE



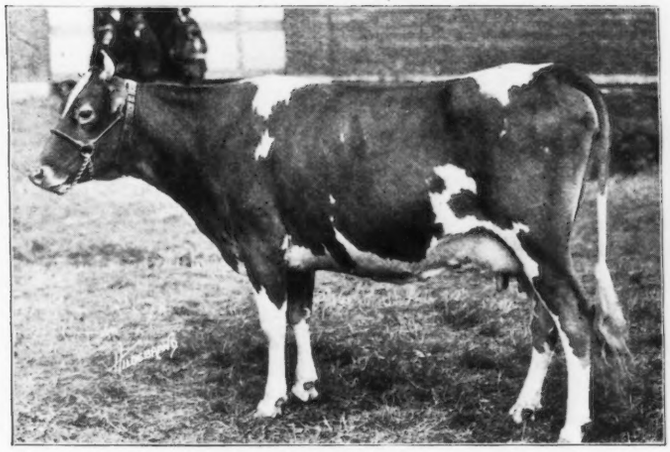
IMP. FLORA V. OF THE EFFARDS 52346

Official year's record: 9962.00 lbs. milk; 406.95 lbs. butter fat.
A. R. 4750



McKINNEY'S JEWEL 47890

Official year's record: 11326.60 lbs. milk; 557.83 lbs. butter fat.
A. R. 4760



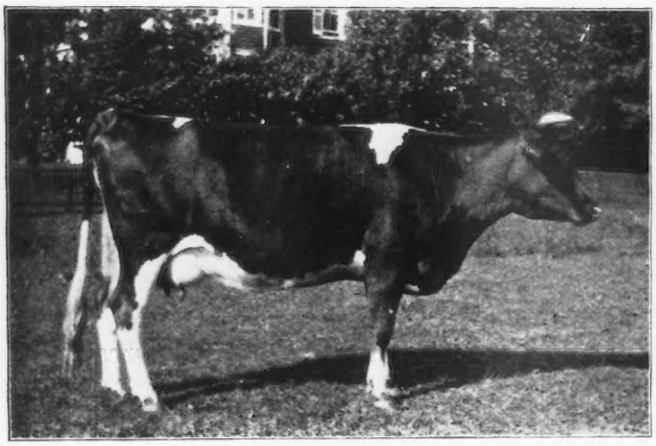
IMP. BORDEAUX OF COURTIL BRÉE 51983

Official year's record: 9289.40 lbs. milk; 516.12 lbs. butter fat.
A. R. 4767

ANITA OF ELMHURST 48044

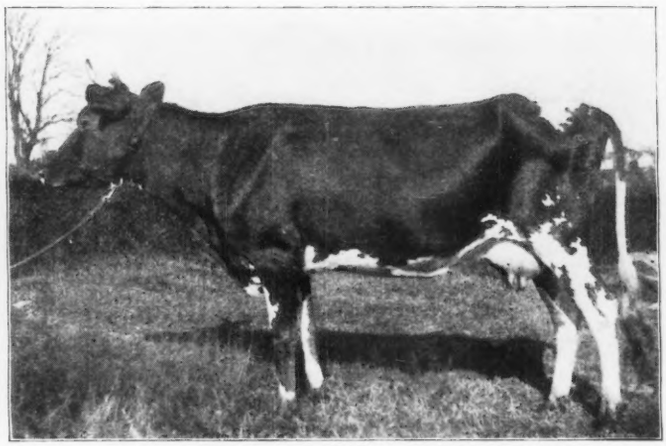
Official year's record: 10254.50 lbs. milk; 513.36 lbs. butter fat.
A. R. 4768

THE ADVANCED REGISTER OF GUERNSEY CATTLE



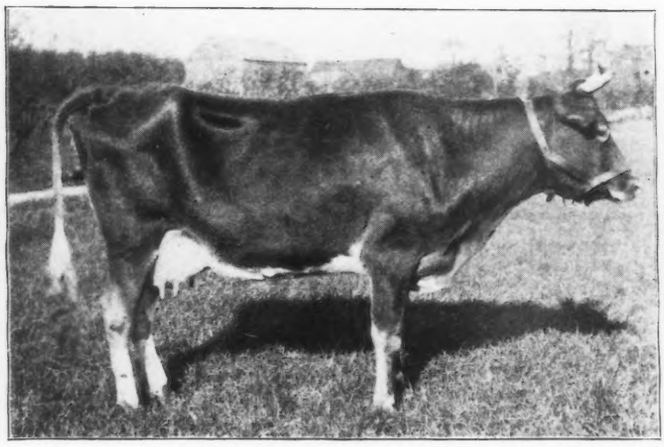
PEARL OF POMEROY 40325

Official year's record: 12114.70 lbs. milk; 618.65 lbs. butter fat.
A. R. 4769



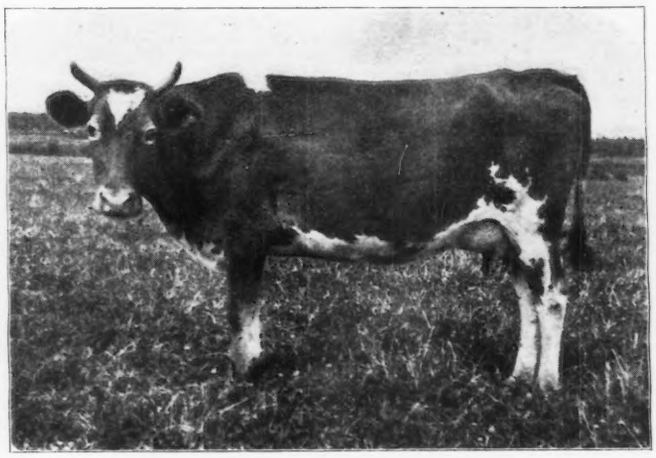
BESSIE MARSHALL 3d 38823

Official year's record: 7088.90 lbs. milk; 434.34 lbs. butter fat.
A. R. 4771



SYLPH'S PRIMROSE 60440

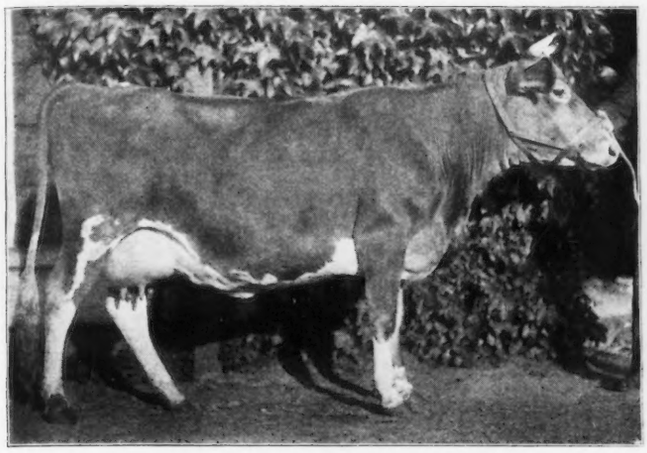
Official year's record: 7604.70 lbs. milk; 351.39 lbs. butter fat.
A. R. 4772



RUSSEL'S ALPHA OF CRAIGAMOOR 32679

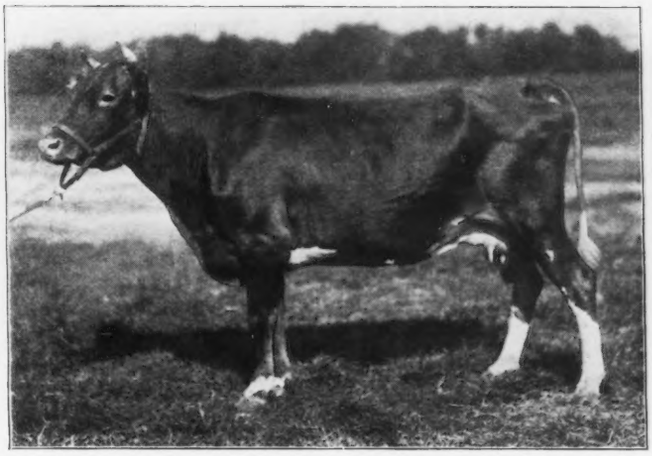
Official year's record: 10192.70 lbs. milk; 450.72 lbs. butter fat.
A. R. 4797

THE ADVANCED REGISTER OF GUERNSEY CATTLE



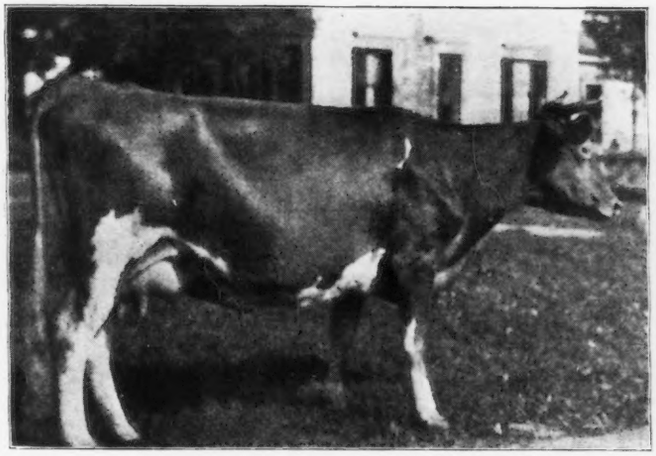
NIVOLETTE OF HARBOR HILL 52936

Official year's record: 11990.30 lbs. milk; 548.43 lbs. butter fat.
A. R. 4798



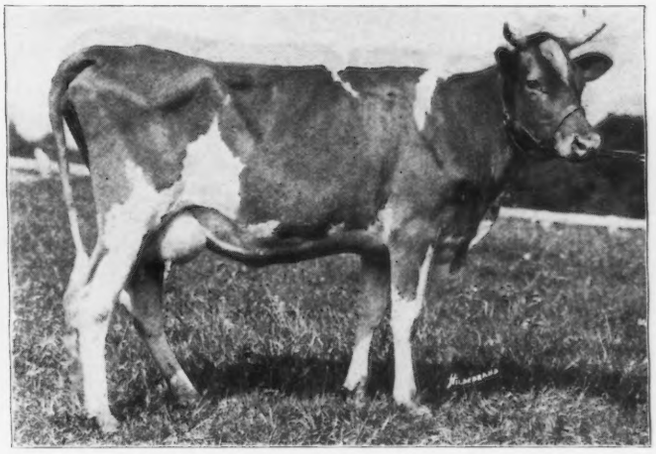
COLD BROOK'S MASHER ROSIE 42374

Official year's record: 9791.80 lbs. milk; 586.83 lbs. butter fat.
A. R. 4800



PRINCESS OF CRYSTAL POND 28665

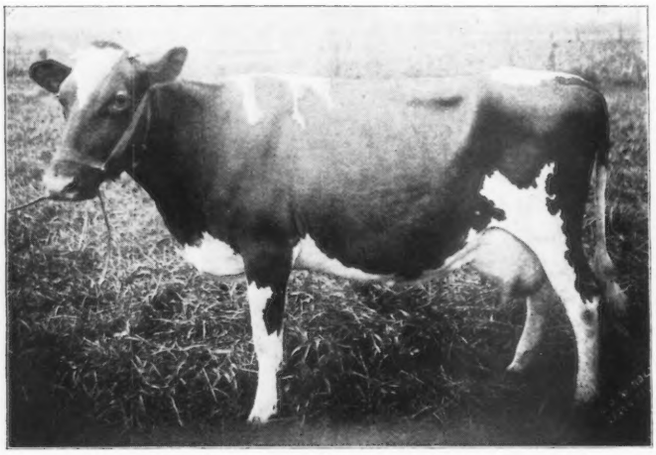
Official year's record: 9973.40 lbs. milk; 472.82 lbs. butter fat.
A. R. 4804



GLENWOOD'S SOSO OF OAK RIDGE 47971

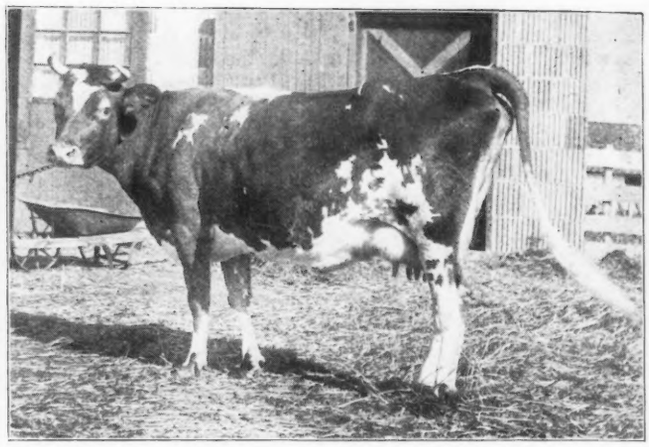
Official year's record: 8830.10 lbs. milk; 468.25 lbs. butter fat.
A. R. 4805

THE ADVANCED REGISTER OF GUERNSEY CATTLE



JULY MAIDE 30048

Official year's record: 10651.50 lbs. milk; 520.38 lbs. butter fat.
A. R. 4818

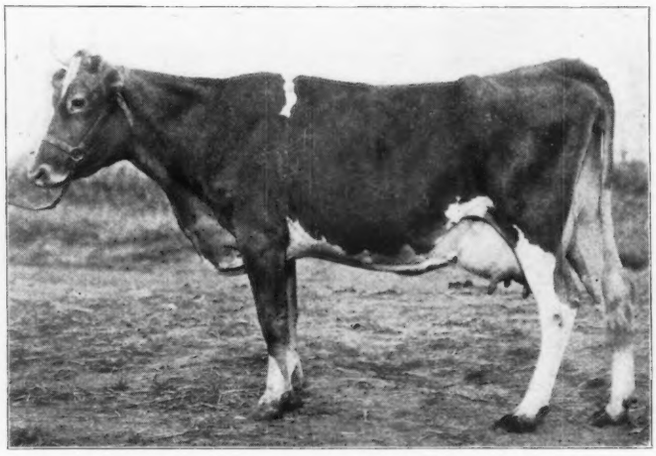


HEARTSEASE OF RICH NECK 2d 49308

Official year's record: 8290.60 lbs. milk; 521.54 lbs. butter fat.
A. R. 4825

ROSE BLOOM OF MAUDESLEIGH 53680

Official year's record: 8977.60 lbs. milk; 503.90 lbs. butter fat.
A. R. 4829



AURORA PRIMROSE OF BROOKMEAD 40002

Official year's record: 10485.80 lbs. milk; 518.47 lbs. butter fat.
A. R. 4830

4750 Imp. Flora V. of the Effards 52346

Sire Imp. Raymond of the Préel II. (13381) A. R.
Sire Imp. Raymond of the Préel (11353) A. R.
Dam On Guernsey Flower of the Préel (R. G. A. S. 2099 F. S.).
Dam On Guernsey Flora II. of the Effards (R. G. A. S. 6121 P. S.).
Sire On Guernsey De Wet II. (R. G. A. S. 1351 P. S.).
Dam On Guernsey Flora of the Effards (R. G. A. S. 2773 F. S.).
Breeder F. Le Parmentier, Island of Guernsey.
Owner W. W. Marsh, Waterloo, Iowa.
Born Aug. 10, 1908. *Calved* Aug. 2, 1915.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 9962.00 lbs. milk; 406.95 lbs. butter fat.

(Record from Sept. 17, 1915 to Sept. 16, 1916.)
Supervised under one day test by Iowa Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Sept.,	1915,	464.40 lbs.	3.49 %	16.21 lbs.
Oct.,	"	1054.80 "	3.49 "	36.81 "
Nov.,	"	993.20 "	3.93 "	39.03 "
Dec.,	"	951.50 "	3.78 "	35.97 "
Jan.,	1916,	843.60 "	4.10 "	34.59 "
Feb.,	"	794.10 "	4.00 "	31.76 "
Mar.,	"	872.70 "	4.27 "	37.26 "
Apr.,	"	829.70 "	4.32 "	35.84 "
May,	"	830.70 "	4.54 "	37.71 "
June,	"	746.70 "	4.72 "	35.24 "
July,	"	639.10 "	3.72 "	23.77 "
Aug.,	"	630.80 "	4.31 "	27.19 "
Sept.,	"	310.70 "	5.01 "	15.57 "
Total		9962.00 lbs.	4.09 Av. %	406.95 lbs.

Feed

Sept., 1915. 11 lbs. grain daily of the following mixture: 4 lbs. each bran and ground oats, 1.5 lbs. each gluten and oil meal; 15 lbs. beets, green corn and alfalfa hay.
Oct., 1915. Same grain ration as given in September; 20 lbs. beets, green corn to the 18th then 10 lbs. cabbage, alfalfa, clover, and English hay.
Nov., 1915. 13 lbs. grain daily of the following mixture: 4 lbs. each bran and ground oats, 2 lbs. Ajax Flakes, 1.5 lbs. each gluten and oil meal; 20 lbs. beets, alfalfa hay.
Dec., 1915. 12.5 lbs. grain daily of the following mixture: 4 lbs. each bran and ground oats, 2 lbs. Ajax Flakes, 1 lb. gluten, 1.5 lbs. oil meal; 20 lbs. each beets and ensilage, alfalfa hay.
Jan., 1916. 15 lbs. grain daily of the following mixture: 5 lbs. each bran and ground oats, 2 lbs. Ajax Flakes, 1.5 lbs. each gluten and oil meal; 20 lbs. each beets and ensilage, alfalfa hay.
Feb., 1916. 16 lbs. grain daily of the following mixture: 5 lbs. each bran and ground oats, 2 lbs. each Ajax Flakes, gluten, and oil meal; 20 lbs. beets, 15 lbs. ensilage, alfalfa hay.
Mar., 1916. 16 lbs. grain daily of the following mixture: 4 lbs. each bran and ground oats, 2 lbs. each hominy, Ajax Flakes, gluten, and oil meal; 20 lbs. beets to the 20th then 2 lbs. beet pulp, ensilage and alfalfa hay.
Apr., 1916. 15 lbs. grain daily of the following mixture: 4 lbs. each bran and ground oats, 2 lbs. each hominy and Ajax Flakes, 1.5 lbs. each gluten and oil meal; 2 lbs. beet pulp, 20 lbs. ensilage, alfalfa hay.
May, 1916. 14.5 lbs. grain daily of the following mixture: 4 lbs. each bran and ground oats, 2 lbs. hominy, 1.5 lbs. each Ajax Flakes, gluten, and oil meal; 2 lbs. beet pulp, alfalfa hay and pasture.
June, 1916. 12.5 lbs. grain daily of the following mixture: 4 lbs. each bran and ground oats, 2 lbs. each hominy and Ajax Flakes, .5 lb. gluten; 2 lbs. beet pulp, green oats and peas and alfalfa hay to the 26th, then green peas.
July, 1916. 13 lbs. grain daily of the following mixture: 4 lbs. each bran and ground oats, 1 lb. each hominy and Ajax Flakes, 1.5 lbs. each gluten and oil meal; hay and pasture.
Aug., 1916. 13 lbs. grain daily of the following mixture: 4 lbs. each bran and ground oats, 2 lbs. Ajax Flakes, 1.5 lbs. each gluten and oil meal; green corn and alfalfa hay.
Sept., 1916. 13 lbs. grain daily of the following mixture: 4 lbs. each bran and ground oats, 2 lbs. Ajax Flakes, 1.5 lbs. each gluten and oil meal; green corn and alfalfa hay.

4751 Imp. Fleurie III. des Ménages 53797

Sire On Guernsey The Conqueror V. (R. G. A. S. 2407 P. S.) A. R.
Sire Imp. The Conqueror II. (15323) A. R.
Dam Imp. Primrose of the Grée III. (33221) A. R. 3682.
Dam On Guernsey Fleurie des Ménages (R. G. A. S. 4381 F. S.).
Sire On Guernsey.
Dam On Guernsey.
Breeder Peter T. Tostevin, Island of Guernsey.
Owner Charles H Tappan, Winthrop, Maine.
Born Sept. 28, 1912. *Calved* Sept. 2, 1915. *Served* Aug. 11, 1916.
Requirement for admission: 284.80 lbs. butter fat.

Official year's record: 7590.90 lbs. milk; 386.09 lbs. butter fat.

(Record from Sept. 7, 1915 to Sept. 6, 1916.)
Supervised by Maine Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Sept.,	1915,	529.90 lbs.	5.26 %	27.87 lbs.
Oct.,	"	679.00 "	5.26 "	35.72 "
Nov.,	"	667.50 "	4.06 "	27.10 "
Dec.,	"	656.20 "	4.77 "	31.30 "
Jan.,	1916,	666.40 "	5.20 "	34.65 "
Feb.,	"	550.80 "	5.08 "	27.98 "
Mar.,	"	659.10 "	5.14 "	33.88 "
Apr.,	"	625.10 "	5.02 "	31.38 "
May,	"	607.60 "	4.87 "	29.59 "
June,	"	640.00 "	5.17 "	33.09 "
July,	"	625.30 "	5.72 "	35.77 "
Aug.,	"	573.10 "	5.63 "	32.27 "
Sept.,	"	110.90 "	4.95 "	5.49 "
Total		7590.90 lbs.	5.09 Av. %	386.09 lbs.

Feed

Sept., 1915. 2.6 lbs. bran daily; 7 lbs. oat straw, 14 lbs. hay.
Oct., 1915. 3.6 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, cottonseed meal, and beet pulp; 20 lbs. corn fodder, 14 lbs. hay.
Nov., 1915. 5.4 lbs. grain daily of the following mixture: 3 lbs. ground oats, 2.4 lbs. gluten; 12 lbs. hay.
Dec., 1915. 4.4 lbs. grain daily of the following mixture: 2 lbs. bran, 2.4 lbs. ground oats; 20 lbs. ensilage, 17 to 9 lbs. hay.
Jan., 1916. 5 lbs. grain daily of the following mixture: 1.8 lbs. bran, 3.2 lbs. cottonseed meal; 20 lbs. ensilage, 17 lbs. hay.
Feb., 1916. 7.7 lbs. grain daily of the following mixture: 2.4 lbs. hominy, 1.7 lbs. Ajax Flakes, 3.6 lbs. cottonseed meal; 20 lbs. ensilage, 17 lbs. hay.
Mar., 1916. 214 lbs. grain of the following amounts: 43.5 lbs. bran, 52 lbs. hominy, 51.5 lbs. Ajax Flakes, 60 lbs. cottonseed meal, 7 lbs. oil meal; 60 lbs. beet pulp, 420 lbs. ensilage, 652 lbs. hay.
Apr., 1916. 237.5 lbs. grain of the following amounts: 80 lbs. bran, 75 lbs. hominy, 37.5 lbs. each Ajax Flakes and cottonseed meal, 7.5 lbs. oil meal; 54 lbs. beet pulp, 720 lbs. hay.
May, 1916. 247 lbs. grain of the following amounts: 71 lbs. each bran and hominy, 53 lbs. Ajax Flakes, 17 lbs. gluten, 35 lbs. cottonseed meal; 234 lbs. hay, pasture.
June, 1916. 222.35 lbs. grain of the following amounts: 47.3 lbs. bran, 71 lbs. hominy, 63 lbs. Ajax Flakes, 6.3 lbs. gluten, 34.75 lbs. cottonseed meal; 80 lbs. hay to the 20th then 150 lbs. grass, pasture.
July, 1916. 217 lbs. grain of the following mixture: 100 lbs. each bran and cottonseed meal, 200 lbs. each hominy and Ajax Flakes; 124 lbs. mixed hay, pasture.
Aug., 1916. 217 lbs. grain of the following mixture: 100 lbs. each bran, hominy, Ajax Flakes, and cottonseed meal; 124 lbs. mixed hay, pasture.
Sept., 1916. 48 lbs. grain of the following mixture: 150 lbs. bran, 100 lbs. each hominy, Ajax Flakes, gluten, and cottonseed meal; 60 lbs. mixed hay, pasture.

4752 Imp. Mignonette III. of the Préel 26670

Sire Imp. Billy's France (12476) A. R.
Sire Imp. Masher's Sequel (11462) A. R.
Dam On Guernsey Justinée I. (R. G. A. S. 4054 P. S.).
Dam On Guernsey Mignonette of the Préel (R. G. A. S. 2855 F. S.).
Sire On Guernsey.
Dam On Guernsey.
Breeder James W. Martel, Island of Guernsey.
Owner F. B. Rice, Peterboro, N. H.
Born Oct. 3, 1907. *Calved* Sept. 2, 1915. *Served* Mar. 16, 1916.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 9511.30 lbs. milk; 470.71 lbs. butter fat.

(Record from Sept. 7, 1915 to Sept. 6, 1916.)
Supervised by New Hampshire Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Sept.,	1915,	785.10 lbs.	4.26 %	33.45 lbs.
Oct.,	"	1025.90 "	4.26 "	43.70 "
Nov.,	"	907.70 "	4.97 "	45.11 "
Dec.,	"	831.30 "	4.85 "	40.32 "
Jan.,	1916,	814.20 "	5.37 "	43.72 "
Feb.,	"	780.00 "	5.34 "	41.65 "
Mar.,	"	794.40 "	4.95 "	39.33 "
Apr.,	"	803.60 "	4.95 "	39.78 "
May,	"	854.10 "	5.13 "	43.82 "
June,	"	702.30 "	5.16 "	36.24 "
July,	"	601.10 "	5.06 "	30.42 "
Aug.,	"	517.70 "	5.40 "	27.96 "
Sept.,	"	93.90 "	5.55 "	5.21 "
Total		9511.30 lbs.	4.95 Av. %	470.71 lbs.

Feed

Sept., 1915. 12 lbs. grain daily of the following mixture: 3 lbs. bran, 5 lbs. Larro-Feed, 4 lbs. Schumacher Feed; green feed, 8 lbs. alfalfa hay.
Oct., 1915. Same grain ration as given in September; 10 lbs. alfalfa hay, green feed and pasture.
Nov., 1915. Same grain ration as given in September; 10 lbs. roots to the 13th then 25 lbs. ensilage, 10 lbs. alfalfa and mixed hay.
Dec., 1915. 12 lbs. grain daily of the following mixture: 3 lbs. bran, 5 lbs. Larro-Feed, 4 lbs. Schumacher Feed; 30 lbs. ensilage, alfalfa and mixed hay.
Jan., 1916. 12 lbs. grain daily of the following mixture: 3 lbs. mixed feed, 5 lbs. Larro-Feed, and 4 lbs. Schumacher Feed to the 15th, then 4 lbs. each Ajax Flakes and Schumacher Feed, 2 lbs. each gluten and cottonseed meal; 30 lbs. ensilage, alfalfa and mixed hay.
Feb., 1916. 12 lbs. grain daily of the following mixture: 4 lbs. each Ajax Flakes and Schumacher Feed, 2 lbs. each gluten and cottonseed meal; 30 lbs. ensilage, alfalfa and mixed hay.
Mar., 1916. Same ration as given in February.
Apr., 1916. 14 lbs. grain daily of the following mixture: 4 lbs. each Ajax Flakes, Larro-Feed, and Schumacher Feed, 1 lb. each gluten and cottonseed meal; 25 lbs. ensilage, alfalfa and mixed hay.
May, 1916. 12 lbs. grain daily of the following mixture: 4 lbs. each Ajax Flakes, Larro-Feed, and Schumacher Feed; 30 lbs. ensilage, alfalfa and mixed hay.
June, 1916. 10 lbs. grain daily of the following mixture: 4 lbs. each Ajax Flakes and Larro-Feed, 2 lbs. Schumacher Feed; 25 lbs. ensilage, alfalfa and mixed hay, pasture.
July, 1916. Same grain ration as given in June; pasture.
Aug., 1916. Same ration as given in July.
Sept., 1916. Same grain ration as given in June; clover hay and pasture.

4753 Rose of Fox Run 31241

Sire Imp. Raymond of the Préel II. (13381) A. R.
Sire Imp. Raymond of the Préel (11353) A. R.
Dam On Guernsey Flower of the Préel (R. G. A. S. 2099 F. S.).
Dam Imp. Roselyn of Rose Farm II. (21354) A. R. 965.
Sire On Guernsey Stanley of Rose Farm (R. G. A. S. 1560 P. S.) A. R.
Dam On Guernsey Roselyn of Rose Farm (R. G. A. S. 2488 F. S.).
Breeder Alfred G. Lewis, Geneva, N. Y.
Owner F. B. Rice, Peterboro, N. H.
Born Oct. 29, 1909. *Calved* Sept. 9, 1915. *Served* Feb. 28, 1916.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 8991.50 lbs. milk; 438.76 lbs. butter fat.

(Record from Sept. 14, 1915 to Sept. 13, 1916.)
Supervised by New Hampshire Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Sept.,	1915,	482.90 lbs.	4.48 %	21.63 lbs.
Oct.,	"	923.10 "	4.48 "	41.35 "
Nov.,	"	791.90 "	5.01 "	39.67 "
Dec.,	"	774.00 "	4.90 "	37.93 "
Jan.,	1916,	797.80 "	4.99 "	39.81 "
Feb.,	"	787.30 "	4.50 "	35.43 "
Mar.,	"	824.50 "	4.76 "	39.25 "
Apr.,	"	779.80 "	4.84 "	37.74 "
May,	"	813.50 "	5.07 "	41.24 "
June,	"	738.30 "	4.74 "	35.00 "
July,	"	630.90 "	5.08 "	32.05 "
Aug.,	"	473.30 "	5.83 "	27.59 "
Sept.,	"	174.20 "	5.78 "	10.07 "
Total		8991.50 lbs.	4.88 Av. %	438.76 lbs.

Feed

Sept., 1915. 12 lbs. grain daily of the following mixture: 3 lbs. bran, 5 lbs. Larro-Feed, 4 lbs. Schumacher Feed; green feed, 8 lbs. alfalfa hay, and pasture.
Oct., 1915. Same grain ration as given in September; green feed, 10 lbs. alfalfa hay, pasture.
Nov., 1915. Same grain ration as given in September; 10 lbs. roots to the 14th then 25 lbs. ensilage, 10 lbs. alfalfa, and mixed hay.
Dec., 1915. Same grain ration as given in September; 30 lbs. ensilage, alfalfa and mixed hay.
Jan., 1916. 12 lbs. grain daily, 3 lbs. Mixed Feed, 5 lbs. Larro-Feed, and 4 lbs. Schumacher Feed to the 15th, then 4 lbs. each Ajax Flakes and Schumacher Feed, 2 lbs. each gluten and cottonseed meal; 30 lbs. ensilage, alfalfa and mixed hay.
Feb., 1916. 12 lbs. grain daily of the following mixture: 4 lbs. each Ajax Flakes and Schumacher Feed, 2 lbs. each gluten and cottonseed meal; 30 lbs. ensilage, alfalfa and mixed hay.
Mar., 1916. Same ration as given in February.
Apr., 1916. 14 lbs. grain daily of the following mixture: 4 lbs. each Ajax Flakes, Larro-Feed, and Schumacher Feed, 1 lb. each gluten and cottonseed meal; 25 lbs. ensilage, alfalfa and mixed hay.
May, 1916. 12 lbs. grain daily of the following mixture: 4 lbs. each Ajax Flakes, Larro-Feed, and Schumacher Feed; 30 lbs. ensilage, alfalfa and mixed hay.
June, 1916. 10 lbs. grain daily of the following mixture: 4 lbs. each Ajax Flakes and Larro-Feed, 2 lbs. Schumacher Feed; 25 lbs. ensilage, alfalfa and mixed hay.
July, 1916. Same grain ration as given in June; pasture.
Aug., 1916. Same ration as given in July.
Sept., 1916. Same grain ration as given in June; clover hay and pasture.

4754 Vanity of Vanities 17408

Sire Heir of Round Rock (9381).
Sire William B. (9059).
Dam Daisy Dean (9882).
Dam Miss Vanity 2d (16880).
Sire Fanny's Santa Claus (4239).
Dam Miss Vanity (8941).
Breeder Joe Defrees, Piqua, Ohio.
Owner George N. Crawford, Holton, Mich.
Born June 14, 1903. *Calved* Jan. 2, 1915. *Served* June 11, 1915.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 9907.70 lbs. milk; 405.44 lbs. butter fat.

(Record from Jan. 6, 1915 to Jan. 5, 1916.)
Supervised under one day test by Michigan Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Jan.,	1915,	1132.60 lbs.	4.09 %	46.32 lbs.
Feb.,	"	1275.00 "	3.96 "	50.49 "
Mar.,	"	1336.70 "	3.87 "	51.73 "
Apr.,	"	1147.30 "	4.13 "	47.38 "
May,	"	999.50 "	4.08 "	40.78 "
June,	"	855.40 "	4.18 "	35.76 "
July,	"	787.20 "	4.08 "	32.12 "
Aug.,	"	730.30 "	4.17 "	30.45 "
Sept.,	"	628.40 "	4.12 "	25.89 "
Oct.,	"	521.20 "	3.79 "	19.75 "
Nov.,	"	285.30 "	5.48 "	15.63 "
Dec.,	"	182.50 "	4.38 "	7.99 "
Jan.,	1916,	26.30 "	4.38 "	1.15 "
Total		9907.70 lbs.	4.09 Av. %	405.44 lbs.

Feed

Jan., 1915. 1 increased to 8 lbs. grain daily of the following mixture with .5 lb. to 2 lbs. cottonseed meal added daily: 500 lbs. each bran and ground oats, 200 lbs. corn meal; 35 lbs. ensilage, 3 to 8 lbs. alfalfa hay.
Feb., 1915. 12 lbs. grain daily, 10 lbs. of the following mixture with 2 lbs. cottonseed meal added daily: 500 lbs. each bran and ground oats, 200 lbs. corn meal; 35 lbs. ensilage, 8 lbs. alfalfa hay.
Mar., 1915. 12 lbs. Unicorn Dairy Ration daily; 35 lbs. ensilage, 8 lbs. hay.
Apr., 1915. 10 lbs. grain daily of the following mixture: 2 lbs. ground oats, 8 lbs. Unicorn Dairy Ration; 35 lbs. ensilage, 10 lbs. mixed hay.
May, 1915. 10 lbs. Unicorn Dairy Ration daily; 35 lbs. ensilage, 8 lbs. hay.
June, 1915. 9 lbs. Unicorn Dairy Ration daily; 25 lbs. ensilage, 8 lbs. hay.
July, 1915. 6.5 lbs. Unicorn Dairy Ration daily; 25 lbs. ensilage, 8 lbs. alfalfa hay.
Aug., 1915. Same ration as given in July.
Sept., 1915. Same ration as given in July.
Oct., 1915. Same ration as given in July.
Nov., 1915. 4 lbs. Unicorn Dairy Ration daily; 35 lbs. ensilage, 8 lbs. alfalfa hay.
Dec., 1915. Same ration as given in November.
Jan., 1916. Same ration as given in November.

4755 Bonnie's Nellie of Sitka 26286

Sire Sir Bonny Lad (8914) A. R.
Sire Sir Bonny (6084) A. R.
Dam Mary Marguerique (9580).
Dam Vanity of Vanities (17408) A. R. 4754.
Sire Heir of Round Rock (9381).
Dam Miss Vanity 2d (16880).
Breeder H. W. Crawford & Son, Holton, Mich.
Owner George N. Crawford, Holton, Mich.
Born Sept. 10, 1908. *Calved* Jan. 9, 1915. *Served* June 14, 1915.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 9044.70 lbs. milk; 423.34 lbs. butter fat.

(Record from Jan. 11, 1915 to Jan. 10, 1916.)
Supervised under one day test by Michigan Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Jan.,	1915,	911.40 lbs.	5.67 %	51.68 lbs.
Feb.,		1217.20 "	4.19 "	51.00 "
Mar.,	"	1069.50 "	4.19 "	44.81 "
Apr.,	"	1003.70 "	4.68 "	46.97 "
May,	"	881.80 "	5.15 "	45.41 "
June,	"	766.40 "	4.45 "	34.10 "
July,	"	710.20 "	4.30 "	30.54 "
Aug.,	"	630.00 "	4.15 "	26.15 "
Sept.,	"	574.60 "	4.91 "	28.21 "
Oct.,	"	460.80 "	5.15 "	23.73 "
Nov.,	"	396.60 "	5.15 "	20.42 "
Dec.,	"	338.50 "	4.81 "	16.28 "
Jan.,	1916,	84.00 "	4.81 "	4.04 "
Total		9044.70 lbs.	4.68 Av. %	423.34 lbs.

Feed

Jan., 1915. 1 increased to 8 lbs. grain daily of the following mixture with .5 lb. to 2 lbs. cottonseed meal added: 500 lbs. each bran and ground oats, 200 lbs. corn meal; 35 lbs. ensilage, 3 to 8 lbs. alfalfa hay.
Feb., 1915. 12 lbs. grain daily, 10 lbs. same mixture as given in January with 2 lbs. cottonseed meal added; 35 lbs. ensilage, 8 lbs. alfalfa hay.
Mar., 1915. 12 lbs. Unicorn Dairy Ration daily from 1st to 9th, 3 lbs. on the 10th, 6 lbs. ground oats daily from 11th to 19th, 12 lbs. on the 20th, from 21st to 31st 12 lbs. grain daily of 5 lbs. each bran and ground oats, 2 lbs. cottonseed meal; 35 lbs. ensilage, 8 lbs. mixed hay.
Apr., 1915. 10 lbs. grain daily of the following mixture: 2 lbs. ground oats, 8 lbs. Unicorn Dairy Ration; 35 lbs. ensilage, 10 lbs. hay.
May, 1915. 10 lbs. Unicorn Dairy Ration daily; 35 lbs. ensilage, 8 lbs. hay.
June, 1915. 9 lbs. Unicorn Dairy Ration daily; 25 lbs. ensilage, 8 lbs. hay.
July, 1915. 6.5 lbs. Unicorn Dairy Ration daily; 25 lbs. ensilage, 8 lbs. alfalfa hay.
Aug., 1915. Same ration as given in July.
Sept., 1915. Same ration as given in July.
Oct., 1915. Same ration as given in July.
Nov., 1915. 5 lbs. Unicorn Dairy Ration daily; 35 lbs. ensilage, 8 lbs. alfalfa hay.
Dec., 1915. Same ration as given in November.
Jan., 1916. Same ration as given in November.

4756 Bonnie's Beauty of Sitka 26457

Sire Sir Bonny Lad (8914) A. R.
Sire Sir Bonny (6084) A. R.
Dam Mary Marguerique (9580).
Dam Telba's Bonnie (17405).
Sire Heir of Round Rock (9381).
Dam Telba (9044).
Breeder H. W. Crawford & Son, Holton, Mich.
Owner George N. Crawford, Holton, Mich.
Born Dec. 19, 1908. *Calved* Dec. 11, 1914. *Served* May 18, 1915.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 9258.10 lbs. milk; 470.81 lbs. butter fat.

(Record from Dec. 15, 1914 to Dec. 14, 1915.)
Supervised under one day test by Michigan Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Dec.,	1914,	595.90 lbs.	5.17 %	30.81 lbs.
Jan.,	1915,	1161.90 "	5.17 "	60.07 "
Feb.,	"	845.70 "	4.92 "	41.61 "
Mar.,	"	950.30 "	5.05 "	47.99 "
Apr.,	"	876.10 "	4.93 "	43.19 "
May,	"	909.10 "	5.22 "	47.46 "
June,	"	852.70 "	5.20 "	44.34 "
July,	"	811.60 "	4.35 "	35.30 "
Aug.,	"	687.50 "	5.33 "	36.64 "
Sept.,	"	643.10 "	4.97 "	31.96 "
Oct.,	"	544.20 "	6.07 "	33.03 "
Nov.,	"	331.30 "	5.02 "	16.63 "
Dec.,	"	48.70 "	3.65 "	1.78 "
Total		9258.10 lbs.	5.09 Av. %	470.81 lbs.

Feed

Dec., 1914. 1 increased to 6 lbs. grain daily of the following mixture with .5 lb. to 2 lbs. cottonseed meal added daily: 500 lbs. each bran and ground oats, 200 lbs. corn meal; 30 lbs. ensilage, 6 lbs. alfalfa hay.
Jan., 1915. 8 lbs. grain daily of the following mixture: 2.5 lbs. each bran and ground oats, 1 lb. corn meal, 2 lbs. cottonseed meal; 35 lbs. ensilage, 8 lbs. alfalfa hay.
Feb., 1915. 10 lbs. grain daily of the following mixture: 8 lbs. same as given in December with 2 lbs. cottonseed meal added; 35 lbs. ensilage, 8 lbs. alfalfa hay.
Mar., 1915. 10 lbs. Unicorn Dairy Ration daily; 35 lbs. ensilage, 8 lbs. hay.
Apr., 1915. 10 lbs. grain daily of the following mixture: 2 lbs. ground oats, 8 lbs. Unicorn Dairy Ration; 35 lbs. ensilage, 8 lbs. hay.
May, 1915. 10 lbs. Unicorn Dairy Ration daily; 35 lbs. ensilage, 8 lbs. hay.
June, 1915. 10 lbs. Unicorn Dairy Ration daily; 25 lbs. ensilage, 8 lbs. hay.
July, 1915. 6.5 lbs. Unicorn Dairy Ration daily; 25 lbs. ensilage, 8 lbs. alfalfa hay.
Aug., 1915. Same ration as given in July.
Sept., 1915. Same ration as given in July.
Oct., 1915. Same ration as given in July.
Nov., 1915. 5 lbs. Unicorn Dairy Ration daily; 35 lbs. ensilage, 8 lbs. alfalfa hay.
Dec., 1915. Same ration as given in November.

4757 Queen of Sitka 54760

Sire Hopeful's Lord Mysie of Sitka (14219) A. R.
Sire Imp. Lord Mysie (11357).
Dam Miss Hopeful (18622) A. R. 1322.
Dam Rose of Sitka (23423).
Sire Lucretia's Son of Haddon (7575) A. R.
Dam Telba's Rose (17407).
Breeder H. W. Crawford & Son, Holton, Mich.
Owner George N. Crawford, Holton, Mich.
Born Sept. 23, 1912. *Calved* Oct. 20, 1914. *Served* Mar. 10, 1915.
Requirement for admission: 253.30 lbs. butter fat.

Official year's record: 6977.60 lbs. milk; 350.93 lbs. butter fat.

(Record from Oct. 22, 1914 to Oct. 21, 1915.)
Supervised under one day test by Michigan Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Oct.,	1914,	214.80 lbs.	4.48 %	9.62 lbs.
Nov.,	"	708.30 "	4.48 "	31.73 "
Dec.,	"	771.50 "	4.38 "	33.79 "
Jan.,	1915,	709.40 "	4.98 "	35.33 "
Feb.,	"	578.10 "	5.05 "	29.19 "
Mar.,	"	611.70 "	4.95 "	30.28 "
Apr.,	"	558.00 "	5.16 "	28.79 "
May,	"	590.80 "	5.75 "	33.97 "
June,	"	556.10 "	5.20 "	28.92 "
July,	"	535.90 "	4.60 "	24.65 "
Aug.,	"	509.90 "	5.20 "	26.51 "
Sept.,	"	426.50 "	5.51 "	23.50 "
Oct.,	"	206.60 "	7.09 "	14.65 "
Total		6977.60 lbs.	5.03 Av. %	350.93 lbs.

Feed

Oct., 1914. 20 lbs. ensilage, 8 lbs. alfalfa hay with pasture.
Nov., 1914. 5 lbs. Unicorn Dairy Ration daily; 25 lbs. ensilage, 8 lbs. alfalfa hay.
Dec., 1914. 8 lbs. Unicorn Dairy Ration daily from 1st to 15th, then 6 lbs. of the following mixture with 2 lbs. cottonseed meal added: 500 lbs. each bran and ground oats, 200 lbs. corn meal; 40 lbs. ensilage, 8 lbs. alfalfa hay.
Jan., 1915. 8 lbs. grain daily of the following mixture: 2.5 lbs. each bran and ground oats, 1 lb. corn meal, 2 lbs. cottonseed meal; 35 lbs. ensilage, 8 lbs. alfalfa hay.
Feb., 1915. 8 lbs. grain daily, 6 lbs. of the following mixture with 2 lbs. cottonseed meal added: 500 lbs. each bran and ground oats, 200 lbs. corn meal; 35 lbs. ensilage, 8 lbs. alfalfa hay.
Mar., 1915. 8 lbs. Unicorn Dairy Ration daily; 35 lbs. ensilage, 8 lbs. mixed hay.
Apr., 1915. 8 lbs. grain daily of the following mixture: 2 lbs. ground oats, 6 lbs. Unicorn Dairy Ration; 35 lbs. ensilage, 8 lbs. hay.
May, 1915. 6 lbs. Unicorn Dairy Ration daily; 30 lbs. ensilage, 8 lbs. hay.
June, 1915. 8 lbs. Unicorn Dairy Ration daily; 25 lbs. ensilage, 8 lbs. hay.
July, 1915. 4 lbs. Unicorn Dairy Ration daily; 25 lbs. ensilage, 8 lbs. alfalfa hay.
Aug., 1915. Same ration as given in July.
Sept., 1915. Same ration as given in July.
Oct., 1915. Same ration as given in July.

4758 Primrose of Sitka 54761

Sire Hopeful's Lord Mysie of Sitka (14219) A. R.
Sire Imp. Lord Mysie (11357).
Dam Miss Hopeful (18622) A. R. 1322.
Dam Bonnie's Beauty of Sitka (26457) A. R. 4756.
Sire Sir Bonny Lad (8914) A. R.
Dam Telba's Bonnie (17405).
Breeder H. W. Crawford & Son, Holton, Mich.
Owner George N. Crawford, Holton, Mich.
Born Nov. 20, 1912. *Calved* Nov. 1, 1914. *Served* May 13, 1915.
Requirement for admission: 250.50 lbs. butter fat.

Official year's record: 7534.10 lbs. milk; 329.27 lbs. butter fat.

(Record from Nov. 3, 1914 to Nov. 2, 1915.)
Supervised under one day test by Michigan Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Nov.,	1914,	662.20 lbs.	3.83 %	25.36 lbs.
Dec.,	"	896.40 "	3.66 "	32.81 "
Jan.,	1915,	800.10 "	4.57 "	36.56 "
Feb.,	"	622.60 "	4.06 "	25.28 "
Mar.,	"	662.00 "	4.49 "	29.72 "
Apr.,	"	632.40 "	4.65 "	29.41 "
May,	"	659.70 "	4.82 "	31.80 "
June,	"	605.00 "	4.70 "	28.44 "
July,	"	573.00 "	3.65 "	20.91 "
Aug.,	"	509.50 "	4.36 "	22.21 "
Sept.,	"	483.50 "	4.87 "	23.55 "
Oct.,	"	407.60 "	5.43 "	22.13 "
Nov.,	"	20.10 "	5.43 "	1.09 "
Total		7534.10 lbs.	4.37 Av. %	329.27 lbs.

Feed

Nov., 1914. 5 lbs. Unicorn Dairy Ration daily; 25 lbs. ensilage, 8 lbs. alfalfa hay.
Dec., 1914. 8 lbs. Unicorn Dairy Ration daily from 1st to 15th, then 6 lbs. of the following mixture with 2 lbs. cottonseed meal added: 500 lbs. each bran and ground oats, 200 lbs. corn meal; 40 lbs. ensilage, 8 lbs. alfalfa hay.
Jan., 1915. 8 lbs. grain daily of the following mixture: 2.5 lbs. each bran and ground oats, 1 lb. corn meal, 2 lbs. cottonseed meal; 35 lbs. ensilage, 8 lbs. alfalfa hay.
Feb., 1915. 8 lbs. grain daily, 6 lbs. of the following mixture with 2 lbs. cottonseed meal added: 500 lbs. each bran and ground oats, 200 lbs. corn meal; 35 lbs. ensilage, 8 lbs. alfalfa hay.
Mar., 1915. 8 lbs. Unicorn Dairy Ration daily; 35 lbs. ensilage, 8 lbs. hay.
Apr., 1915. 8 lbs. grain daily of the following mixture: 2 lbs. ground oats, 6 lbs. Unicorn Dairy Ration; 35 lbs. ensilage, 8 lbs. mixed hay.
May, 1915. 6 lbs. Unicorn Dairy Ration daily; 30 lbs. ensilage, 8 lbs. hay.
June, 1915. 8 lbs. Unicorn Dairy Ration daily; 25 lbs. ensilage, 8 lbs. hay.
July, 1915. 4 lbs. Unicorn Dairy Ration daily; 25 lbs. ensilage, 8 lbs. alfalfa hay.
Aug., 1915. Same ration as given in July.
Sept., 1915. Same ration as given in July.
Oct., 1915. Same ration as given in July.
Nov., 1915. Same ration as given in July.

4759 **Daisy of Sitka 55011**

Sire Hopeful's Lord Mysie of Sitka (14219) A. R.
Sire Imp. Lord Mysie (11357).
Dam Miss Hopeful (18622) A. R. 1322.
Dam Bonnie's Nellie of Sitka (26286) A. R. 4755.
Sire Sir Bonny Lad (8914) A. R.
Dam Vanity of Vanities (17408) A. R. 4754.
Breeder H. W. Crawford & Son, Holton, Mich.
Owner George N. Crawford, Holton, Mich.
Born Oct. 3, 1912. *Calved* Dec. 13, 1914. *Served* May 12, 1915.
Requirement for admission: 257.90 lbs. butter fat.

Official year's record: 6266.90 lbs. milk; 294.17 lbs. butter fat.

(Record from Dec. 17, 1914 to Dec. 16, 1915.)
Supervised under one day test by Michigan Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Dec.,	1914,	403.10 lbs.	5.34 %	21.53 lbs.
Jan.,	1915,	812.60 "	5.34 "	43.39 "
Feb.,	"	691.00 "	4.80 "	33.17 "
Mar.,	"	664.00 "	4.31 "	28.62 "
Apr.,	"	559.40 "	4.40 "	24.61 "
May,	"	589.40 "	4.63 "	27.29 "
June,	"	561.20 "	4.40 "	24.69 "
July,	"	534.70 "	3.30 "	17.65 "
Aug.,	"	493.80 "	4.25 "	20.99 "
Sept.,	"	427.00 "	5.40 "	23.06 "
Oct.,	"	319.60 "	5.73 "	18.31 "
Nov.,	"	171.30 "	5.19 "	8.89 "
Dec.,	"	39.80 "	4.94 "	1.97 "
Total		6266.90 lbs.	4.69 Av. %	294.17 lbs.

Feed

Dec., 1914. 1 increased to 6 lbs. grain daily of the following mixture with .5 lb. to 2 lbs. cottonseed meal added: 500 lbs. each bran and ground oats, 200 lbs. corn meal; 30 lbs. ensilage, 6 lbs. alfalfa hay.
Jan., 1915. 8 lbs. grain daily of the following mixture: 6 lbs. same mixture as given in December with 2 lbs. cottonseed meal added; 35 lbs. ensilage, 8 lbs. alfalfa hay.
Feb., 1915. Same ration as given in January.
Mar., 1915. 8 lbs. Unicorn Dairy Ration daily; 35 lbs. ensilage, 8 lbs. hay.
Apr., 1915. 8 lbs. grain daily of the following mixture: 2 lbs. ground oats, 6 lbs. Unicorn Dairy Ration; 35 lbs. ensilage, 8 lbs. hay.
May, 1915. 6 lbs. Unicorn Dairy Ration daily; 30 lbs. ensilage, 8 lbs. hay.
June, 1915. 8 lbs. Unicorn Dairy Ration daily; 25 lbs. ensilage, 8 lbs. hay.
July, 1915. 4 lbs. Unicorn Dairy Ration daily; 25 lbs. ensilage, 8 lbs. alfalfa hay.
Aug., 1915. Same ration as given in July.
Sept., 1915. Same ration as given in July.
Oct., 1915. Same ration as given in July.
Nov., 1915. 4 lbs. Unicorn Dairy Ration daily; 35 lbs. ensilage, 8 lbs. alfalfa hay.
Dec., 1915. Same ration as given in November.

4760 **McKinney's Jewel 47890**

Sire Masher's Sequence (15778).
Sire Imp. Ramée's Sequel (10463) A. R.
Dam Imp. Violet of Pulias (18556) A. R. 495.
Dam Sadie McKinney (35713).
Sire McKinney (10094).
Dam Madeline McKinney (26791).
Breeder Henry W. Leeds, Westville, N. J.
Owner Henry W. Leeds, Westville, N. J.
Born July 12, 1913. *Calved* Sept. 21, 1915. *Served* July 14, 1916.
Requirement for admission: 257.80 lbs. butter fat.

Official year's record: 11326.60 lbs. milk; 557.83 lbs. butter fat.

(Record from Sept. 24, 1915 to Sept. 23, 1916.)
Supervised by New Jersey Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Sept.,	1915,	192.60 lbs.	4.48 %	8.63 lbs.
Oct.,	"	1110.10 "	4.48 "	49.73 "
Nov.,	"	1077.00 "	5.25 "	56.54 "
Dec.,	"	1038.60 "	4.80 "	49.85 "
Jan.,	1916,	1018.60 "	4.69 "	47.77 "
Feb.,	"	884.30 "	4.71 "	41.65 "
Mar.,	"	934.00 "	4.81 "	44.93 "
Apr.,	"	932.80 "	4.72 "	44.03 "
May,	"	975.40 "	4.73 "	46.14 "
June,	"	940.50 "	5.34 "	50.22 "
July,	"	914.60 "	5.37 "	49.11 "
Aug.,	"	801.70 "	5.11 "	40.97 "
Sept.,	"	506.40 "	5.58 "	28.26 "
Total		11326.60 lbs.	4.92 Av. %	557.83 lbs.

Feed

Sept., 1915. 8 lbs. Larro-Feed daily; 10 lbs. alfalfa hay, pasture.
Oct., 1915. 14 lbs. grain daily, 4 lbs. of the following mixture with 10 lbs. Larro-Feed added: 100 lbs. each bran and linseed meal, 125 lbs. Ajax Flakes; 25 lbs. ensilage, 5 lbs. alfalfa hay, pasture.
Nov., 1915. 15.25 lbs. grain daily of the following mixture: 1 lb. each bran, corn meal, gluten, and oil meal, 1.25 lbs. Ajax Flakes, 10 lbs. Larro-Feed; 1 lb. beet pulp, 25 lbs. ensilage, 8 lbs. alfalfa hay.
Dec., 1915. 16 lbs. grain daily of the following mixture: 1.5 lbs. each bran and oil meal, 10 lbs. Larro-Feed, 2 lbs. Ajax Flakes, 1 lb. gluten; 1 lb. beet pulp, 25 lbs. ensilage, 8 lbs. alfalfa hay.
Jan., 1916. Same ration as given in December.
Feb., 1916. Same ration as given in December with 20 lbs. roots added.
Mar., 1916. 17 lbs. grain daily of the following mixture: 1.5 lbs. each bran and gluten, 2 lbs. each Ajax Flakes and oil meal, 10 lbs. Larro-Feed; 1 lb. beet pulp, 20 lbs. roots, 25 lbs. ensilage, 8 lbs. alfalfa hay.
Apr., 1916. Same grain ration as given in March to the 15th, then 14 lbs. of 12 lbs. Larro-Feed, 1 lb. each gluten and oil meal; 20 lbs. each roots and ensilage, 8 lbs. alfalfa hay.
May, 1916. 15.25 lbs. grain daily to the 10th, then 9.75 lbs., of the following amounts for the month: 31 lbs. each bran and gluten, 5 lbs. corn meal, 38.75 lbs. Ajax Flakes, 110.5 lbs. Larro-Feed, 46.5 lbs. oil meal; 52 lbs. beet pulp, 620 lbs. ensilage, 248 lbs. alfalfa hay, pasture after the 10th.
June, 1916. 12 lbs. Larro-Feed daily to the 22d, then 12.6 lbs. of 3 lbs. each bran, oil meal, and beet pulp, 3.6 lbs. Ajax Flakes; pasture.
July, 1916. 12 lbs. Larro-Feed daily to the 17th, then 9.25 lbs. of 3 lbs. each bran and oil meal, 3.25 lbs. Ajax Flakes; 3 lbs. beet pulp from the 18th, 25 lbs. ensilage, pasture.
Aug., 1916. 6.25 lbs. grain daily of 3 lbs. bran, 3.25 lbs. Ajax Flakes; 3 lbs. beet pulp, 20 lbs. ensilage, 8 lbs. alfalfa hay, pasture.
Sept., 1916. 8 lbs. grain daily of the following mixture: 100 lbs. each bran, gluten, and oil meal, 200 lbs. corn meal, 250 lbs. Ajax Flakes, 50 lbs. cottonseed meal; 20 lbs. ensilage, pasture.

4761 **Busy Bee's Daisy of Wawa 46279**

Sire Busy Bee's France of Wawa (20963).
Sire Imp. France's Jewel V. (11396) A. R.
Dam Imp. Busy Bee of the Isle (25689).
Dam France's Daisy of Wawa (43960) A. R. 2765.
Sire Imp. France's Jewel V. (11396) A. R.
Dam King's Daisy (26812).
Breeder George Wood, Wawa, Pa.
Owner George Wood, Wawa, Pa.
Born Mar. 16, 1913. *Calved* Aug. 25, 1915. *Served* Jan. 6, 1916.
Requirement for admission: 267.60 lbs. butter fat.

Official year's record: 6833.00 lbs. milk; 343.84 lbs. butter fat.

(Record from Sept. 4, 1915 to Sept. 3, 1916.)
Supervised under one day test by Pennsylvania Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Sept.,	1915,	644.80 lbs.	4.57 %	29.47 lbs.
Oct.,	"	760.40 "	4.79 "	36.42 "
Nov.,	"	659.20 "	4.62 "	30.46 "
Dec.,	"	586.60 "	5.72 "	33.55 "
Jan.,	1916,	635.60 "	5.02 "	31.91 "
Feb.,	"	556.40 "	5.50 "	30.60 "
Mar.,	"	534.20 "	5.27 "	28.15 "
Apr.,	"	546.90 "	4.94 "	27.02 "
May,	"	558.60 "	4.74 "	26.48 "
June,	"	477.00 "	5.18 "	24.71 "
July,	"	454.70 "	5.18 "	23.55 "
Aug.,	"	386.10 "	5.14 "	19.85 "
Sept.,	"	32.50 "	5.14 "	1.67 "
Total		6833.00 lbs.	5.03 Av. %	343.84 lbs.

Feed

Sept., 1915. 5 lbs. grain daily of the following mixture: 2 lbs. each bran and corn meal, 1 lb. cottonseed meal; 2 lbs. beet pulp, 25 lbs. ensilage, 10 lbs. alfalfa hay.
Oct., 1915. 6 lbs. grain daily of the following mixture: 2.5 lbs. each bran and corn meal, 1 lb. cottonseed meal; 25 lbs. ensilage, 10 lbs. alfalfa hay.
Nov., 1915. 9 lbs. grain daily of the following mixture: 3.5 lbs. each bran and Schumacher Feed, 2 lbs. gluten; 2 lbs. beet pulp, 25 lbs. ensilage, 10 lbs. alfalfa hay.
Dec., 1915. 9 lbs. grain daily of the following mixture: 100 lbs. each bran and Schumacher Feed, 25 lbs. each gluten, cottonseed meal, and oil meal; 2 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. alfalfa hay.
Jan., 1916. 9 lbs. grain daily of the following mixture: 200 lbs. each bran and Schumacher Feed, 25 lbs. each gluten, cottonseed meal, and oil meal; 2 lbs. beet pulp, 25 lbs. ensilage, 10 lbs. alfalfa hay.
Feb., 1916. 9 lbs. grain daily of the following mixture: 200 lbs. each bran and Schumacher Feed, 25 lbs. gluten, 50 lbs. each cottonseed meal and oil meal; 2 lbs. beet pulp, 25 lbs. ensilage, 10 lbs. alfalfa hay.
Mar., 1916. 7.5 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each corn meal and Schumacher Feed, 25 lbs. gluten, 50 lbs. each cottonseed meal and oil meal; 2 lbs. beet pulp, 25 lbs. ensilage, 10 lbs. hay.
Apr., 1916. 6 lbs. grain daily of the following mixture: 200 lbs. each bran and Schumacher Feed, 100 lbs. cottonseed meal; 2 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. hay.
May, 1916. 6 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each corn meal, Schumacher Feed, and cottonseed meal; 2 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. alfalfa hay.
June, 1916. 4.5 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each corn meal and Schumacher Feed, 50 lbs. each gluten and cottonseed meal; 2 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. hay.
July, 1916. 4.5 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each hominy and Schumacher Feed, 50 lbs. each gluten and cottonseed meal; 2 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. hay.
Aug., 1916. 4.5 lbs. grain daily of the following mixture: 200 lbs. each bran and hominy, 100 lbs. cottonseed meal; 6 lbs. beet pulp, 10 lbs. hay.
Sept., 1916. Same ration as given in August.

4762 Imp. Lady Raymond of la Hougue 54969

Sire On Guernsey Sir Raymond of la Hougue (R. G. A. S. 2826 P. S.) A. R.
Sire On Guernsey Governor of the Chêne (R. G. A. S. 1297 P. S.) A. R.
Dam On Guernsey Lady I. of Pleinheaume (R. G. A. S. 6006 P. S.).
Dam On Guernsey Florida (R. G. A. S. 4772 F. S.).
Sire On Guernsey.
Dam On Guernsey.
Breeder P. Gavey, Island of Guernsey.
Owner George Wood, Wawa, Pa.
Born May 14, 1913. *Calved* Aug. 30, 1915. *Served* Dec. 20, 1915.
Requirement for admission: 261.70 lbs. butter fat.

Official year's record: 7148.80 lbs. milk; 305.41 lbs. butter fat.

(Record from Sept. 4, 1915 to Sept. 3, 1916.)
Supervised under one day test by Pennsylvania Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Sept.,	1915,	629.90 lbs.	3.68 %	23.18 lbs.
Oct.,	"	746.00 "	4.06 "	30.29 "
Nov.,	"	697.50 "	4.06 "	28.32 "
Dec.,	"	633.90 "	4.28 "	27.13 "
Jan.,	1916,	678.10 "	4.34 "	29.43 "
Feb.,	"	600.20 "	4.37 "	26.23 "
Mar.,	"	606.80 "	4.22 "	25.61 "
Apr.,	"	570.20 "	4.36 "	24.86 "
May,	"	560.60 "	4.49 "	25.17 "
June,	"	525.10 "	4.58 "	24.05 "
July,	"	449.30 "	4.81 "	21.61 "
Aug.,	"	407.90 "	4.33 "	17.66 "
Sept.,	"	43.30 "	4.33 "	1.87 "
Total		7148.80 lbs.	4.27 Av. %	305.41 lbs.

Feed

Sept., 1915. 5 lbs. grain daily of the following mixture: 2 lbs. each bran and corn meal, 1 lb. cottonseed meal; 2 lbs. beet pulp, 25 lbs. ensilage, 10 lbs. alfalfa hay.
Oct., 1915. 6 lbs. grain daily of the following mixture: 2.5 lbs. each bran and corn meal, 1 lb. oil meal; 25 lbs. ensilage, 10 lbs. alfalfa hay.
Nov., 1915. 9 lbs. grain daily of the following mixture: 3.5 lbs. each bran and Schumacher Feed, 2 lbs. gluten; 2 lbs. beet pulp, 25 lbs. ensilage, 10 lbs. alfalfa hay.
Dec., 1915. 9 lbs. grain daily of the following mixture: 100 lbs. each bran and Schumacher Feed, 25 lbs. each gluten, cottonseed meal, and oil meal; 2 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. alfalfa hay.
Jan., 1916. 9 lbs. grain daily of the following mixture: 200 lbs. each bran and Schumacher Feed, 25 lbs. each gluten, cottonseed meal, and oil meal; 2 lbs. beet pulp, 25 lbs. ensilage, 10 lbs. alfalfa hay.
Feb., 1916. 9 lbs. grain daily of the following mixture: 200 lbs. each bran and Schumacher Feed, 25 lbs. gluten, 50 lbs. each cottonseed meal and oil meal; 2 lbs. beet pulp, 25 lbs. ensilage, 10 lbs. alfalfa hay.
Mar., 1916. 7.5 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each corn meal and Schumacher Feed, 25 lbs. gluten, 50 lbs. each cottonseed meal and oil meal; 2 lbs. beet pulp, 25 lbs. ensilage, 10 lbs. hay.
Apr., 1916. 7.5 lbs. grain daily of the following mixture: 200 lbs. each bran and Schumacher Feed, 100 lbs. cottonseed meal; 2 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. hay.
May, 1916. 6 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each corn meal, Schumacher Feed, and cottonseed meal; 2 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. alfalfa hay.
June, 1916. 4.5 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each corn meal and Schumacher Feed, 50 lbs. each gluten and cottonseed meal; 2 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. hay.
July, 1916. 4.5 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each hominy and Schumacher Feed, 150 lbs. each gluten and cottonseed meal; 2 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. hay.
Aug., 1916. 4.5 lbs. grain daily of the following mixture: 200 lbs. each bran and hominy, 100 lbs. cottonseed meal; 6 lbs. beet pulp, 10 lbs. hay.
Sept., 1916. Same ration as given in August.

4763 May Rose of Wildwood 48280

Sire Golden May Rose of Pencoyd (18895).
Sire Imp. Golden Secret (12599) A. R.
Dam Quaker Maid of Pencoyd (24233) A. R. 1466.
Dam Imp. Raymond's Zara (35826) A. R. 2784.
Sire Imp. Raymond of the Préel IV. (19235) A. R.
Dam On Guernsey Zara VIII. (R. G. A. S. 6785 P. S.).
Breeder Alfred G. Lewis, Geneva, N. Y.
Owner H. C. Adams, Algona, Iowa.
Born Dec. 29, 1912. *Calved* Feb. 25, 1915. *Served* Oct. 2, 1915.
Requirement for admission: 260.00 lbs. butter fat.

Official year's record: 8277.40 lbs. milk; 459.22 lbs. butter fat.

(Record from Apr. 4, 1915 to Apr. 3, 1916.)
Supervised by Iowa Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Apr.,	1915,	861.60 lbs.	6.18 %	53.25 lbs.
May,	"	915.20 "	6.02 "	55.10 "
June,	"	863.70 "	4.62 "	39.90 "
July,	"	803.20 "	4.51 "	36.22 "
Aug.,	"	755.10 "	5.29 "	39.94 "
Sept.,	"	565.60 "	6.03 "	34.11 "
Oct.,	"	604.00 "	5.33 "	32.19 "
Nov.,	"	644.90 "	5.50 "	35.47 "
Dec.,	"	604.30 "	5.81 "	35.11 "
Jan.,	1916,	598.40 "	5.85 "	35.01 "
Feb.,	"	507.30 "	5.95 "	30.18 "
Mar.,	"	514.10 "	5.91 "	30.38 "
Apr.,	"	40.00 "	5.91 "	2.36 "
Total		8277.40 lbs.	5.55 Av. %	459.22 lbs.

Feed

Apr., 1915. 13 lbs. grain daily of the following mixture: 150 lbs. corn and cob meal, 100 lbs. each ground barley and gluten feed, 200 lbs. each ground oats, cottonseed meal, and oil meal; 20 lbs. ensilage, 10 lbs. alfalfa hay.
May, 1915. 13 lbs. grain daily of the following mixture: 100 lbs. each bran, ground barley, and oil meal, 300 lbs. ground oats, 150 lbs. cottonseed meal; 10 lbs. ensilage, alfalfa hay and pasture.
June, 1915. 12 lbs. grain daily of the following mixture: 300 lbs. each ground oats, gluten, and cottonseed meal, 100 lbs. ground barley, 75 lbs. oil meal; alfalfa hay and pasture.
July, 1915. 10 lbs. grain daily of the following mixture: 100 lbs. each bran, cottonseed meal, and oil meal, 200 lbs. ground oats, 150 lbs. gluten; ensilage and alfalfa hay.
Aug., 1915. 7 lbs. grain daily of the following mixture: 100 lbs. each bran, gluten, and oil meal, 75 lbs. cottonseed meal; 25 lbs. ensilage, alfalfa hay.
Sept., 1915. 9 lbs. grain daily of the following mixture: 100 lbs. each bran, gluten, and oil meal, 250 lbs. ground oats, 75 lbs. cottonseed meal; 30 lbs. green corn, alfalfa hay.
Oct., 1915. 9 lbs. grain daily of the following mixture: 100 lbs. each bran and oil meal, 250 lbs. ground oats, 125 lbs. Ajax Flakes; 20 lbs. ensilage, alfalfa hay.
Nov., 1915. 12 lbs. grain daily of the following mixture: 150 lbs. ground oats, 100 lbs. each ground barley and oil meal, 125 lbs. Ajax Flakes; 20 lbs. ensilage, alfalfa hay.
Dec., 1915. 9 lbs. grain daily of the following mixture: 200 lbs. each ground oats, cottonseed meal, and oil meal, 125 lbs. Ajax Flakes; 20 lbs. ensilage, alfalfa hay.
Jan., 1916. 9 lbs. grain daily of the following mixture: 250 lbs. ground oats, 100 lbs. each Ajax Flakes and cottonseed meal; 20 lbs. ensilage, alfalfa hay.
Feb., 1916. 6 lbs. grain daily of the following mixture: 200 lbs. ground oats, 125 lbs. Ajax Flakes, 100 lbs. cottonseed meal; 20 lbs. ensilage, 10 lbs. alfalfa hay.
Mar., 1916. 6 lbs. grain daily of the following mixture: 100 lbs. each bran and cottonseed meal, 125 lbs. Ajax Flakes; 20 lbs. ensilage, 10 lbs. alfalfa hay.
Apr., 1916. Same ration as given in March.

4764 Deanie of Florham 34671

Sire Preeminent (11690) A. R.
Sire Guernsey Champion (8218) A. R.
Dam Imp. Pretoria (14443) A. R. 73.
Dam Imp. Deanie XV. (18917) A. R. 1886.
Sire On Guernsey Governor of the Chêne (R. G. A. S. 1297 P. S.) A. R.
Dam On Guernsey Deanie (R. G. A. S. 1869 F. S.).
Breeder J. L. Hope, Madison, New Jersey.
Owner J. L. Hope, Madison, New Jersey.
Born Sept. 10, 1910. *Calved* Oct. 3, 1915. *Served* Apr. 6, 1916.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 11842.50 lbs. milk; 534.42 lbs. butter fat.

(Record from Oct. 6, 1915 to Oct. 5, 1916.)
Supervised under one day test by New Jersey Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Oct.,	1915,	843.75 lbs.	4.14 %	34.93 lbs.
Nov.,	"	1174.40 "	4.14 "	48.62 "
Dec.,	"	1190.85 "	4.20 "	50.02 "
Jan.,	1916,	1106.80 "	4.38 "	48.48 "
Feb.,	"	989.25 "	4.61 "	45.60 "
Mar.,	"	1011.80 "	4.50 "	45.53 "
Apr.,	"	990.30 "	4.67 "	46.25 "
May,	"	1028.60 "	4.60 "	47.32 "
June,	"	941.90 "	4.74 "	44.65 "
July,	"	897.55 "	4.61 "	41.38 "
Aug.,	"	796.35 "	4.72 "	37.59 "
Sept.,	"	746.10 "	5.06 "	37.75 "
Oct.,	"	124.85 "	5.05 "	6.30 "
Total		11842.50 lbs.	4.51 Av. %	534.42 lbs.

Feed

Oct., 1915. 208 lbs. grain of the following mixture: 30 lbs. bran, 11 lbs. each crushed oats and oil meal, 156 lbs. Union Grains; 780 lbs. green corn, 260 lbs. alfalfa hay.
Nov., 1915. 300 lbs. grain of the following mixture: 36 lbs. bran, 12 lbs. each crushed oats and oil meal, 240 lbs. Union Grains; 56 lbs. beet pulp, 420 lbs. roots, 428 lbs. ensilage, 300 lbs. alfalfa hay.
Dec., 1915. 372 lbs. grain of the following mixture: 36 lbs. bran, 13 lbs. each crushed oats and oil meal, 310 lbs. Union Grains; 124 lbs. beet pulp, 434 lbs. roots, 310 lbs. ensilage, 248 lbs. alfalfa hay.
Jan., 1916. Same grain ration as given in December; 124 lbs. beet pulp, 558 lbs. roots, 310 lbs. each ensilage and alfalfa hay.
Feb., 1916. 348 lbs. grain of the following mixture: 34 lbs. bran, 12 lbs. each crushed oats and oil meal, 290 lbs. Union Grains; 116 lbs. beet pulp, 290 lbs. ensilage, 174 lbs. each alfalfa and clover hay.
Mar., 1916. 372 lbs. grain of the following mixture: 36 lbs. bran, 13 lbs. each crushed oats and oil meal, 310 lbs. Union Grains; 124 lbs. beet pulp, 310 lbs. ensilage, 155 lbs. each alfalfa and mixed hay.
Apr., 1916. 330 lbs. grain of the following mixture: 36 lbs. bran, 12 lbs. each crushed oats and oil meal, 270 lbs. Union Grains; 120 lbs. beet pulp, 300 lbs. ensilage, 150 lbs. each alfalfa and mixed hay.
May, 1916. Same grain ration as given in March; 124 lbs. beet pulp, 310 lbs. ensilage, 124 lbs. each alfalfa and mixed hay.
June, 1916. 300 lbs. grain of the following mixture: 36 lbs. bran, 12 lbs. each crushed oats and oil meal, 240 lbs. Union Grains; 120 lbs. beet pulp, 240 lbs. ensilage, 120 lbs. alfalfa hay, pasture.
July, 1916. 310 lbs. grain of the following mixture: 36 lbs. bran, 13 lbs. each crushed oats and oil meal, 248 lbs. Union Grains; 176 lbs. beet pulp, 40 lbs. ensilage, 775 lbs. green forage, pasture.
Aug., 1916. Same grain ration as given in July; 62 lbs. beet pulp, 248 lbs. ensilage, pasture.
Sept., 1916. 270 lbs. grain of the following mixture: 36 lbs. bran, 12 lbs. each crushed oats and oil meal, 210 lbs. Union Grains; 120 lbs. beet pulp, 240 lbs. ensilage, 225 lbs. green corn, 450 lbs. green grass, 60 lbs. mixed hay.
Oct., 1916. 50 lbs. grain of the following mixture: 6 lbs. bran, 2 lbs. each crushed oats and oil meal, 40 lbs. Union Grains; 20 lbs. beet pulp, 100 lbs. ensilage, 40 lbs. mixed hay.

4765 Preen 46137

Sire Rutila's May King of Linda Vista (17945) A. R.
Sire Langwater May King (13001) A. R.
Dam Rutila's May Rose (24946) A. R. 1423.
Dam Preeminent's Rose (28068).
Sire Preeminent (11690) A. R.
Dam Imp. Rosy of the Palotterie IV. (18897) A. R. 1378.
Breeder J. L. Hope, Madison, New Jersey.
Owner J. L. Hope, Madison, New Jersey.
Born Mar. 9, 1913. *Calved* Oct. 16, 1915. *Served* Mar. 30, 1916.
Requirement for admission: 272.80 lbs. butter fat.

Official year's record: 10365.85 lbs. milk; 520.70 lbs. butter fat.

(Record from Oct. 19, 1915 to Oct. 18, 1916.)
Supervised under one day test by New Jersey Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Oct.,	1915,	352.95 lbs.	4.46 %	15.74 lbs.
Nov.,	"	978.05 "	4.46 "	43.62 "
Dec.,	"	1050.25 "	4.56 "	47.89 "
Jan.,	1916,	994.25 "	4.80 "	47.72 "
Feb.,	"	913.65 "	4.95 "	45.23 "
Mar.,	"	893.90 "	5.11 "	45.68 "
Apr.,	"	854.35 "	5.13 "	43.83 "
May,	"	906.25 "	5.06 "	45.86 "
June,	"	799.95 "	5.29 "	42.32 "
July,	"	801.90 "	5.16 "	41.38 "
Aug.,	"	767.85 "	5.25 "	40.31 "
Sept.,	"	671.15 "	5.77 "	38.73 "
Oct.,	"	381.35 "	5.87 "	22.39 "
Total		10365.85 lbs.	5.02 Av. %	520.70 lbs.

Feed

Oct., 1915. 78 lbs. grain of the following mixture: 16 lbs. bran, 5 lbs. each crushed oats and oil meal, 52 lbs. Union Grains; 26 lbs. beet pulp, 390 lbs. green corn, 130 lbs. alfalfa hay.
Nov., 1915. 240 lbs. grain of the following mixture: 36 lbs. bran, 12 lbs. each crushed oats and oil meal, 180 lbs. Union Grains; 56 lbs. beet pulp, 420 lbs. roots, 336 lbs. ensilage, 300 lbs. alfalfa hay.
Dec., 1915. 279 lbs. grain of the following mixture: 36 lbs. bran, 13 lbs. each crushed oats and oil meal, 217 lbs. Union Grains; 62 lbs. beet pulp, 434 lbs. roots, 248 lbs. each ensilage and alfalfa hay.
Jan., 1916. Same grain ration as given in December; 93 lbs. beet pulp, 558 lbs. roots, 248 lbs. ensilage, 310 lbs. alfalfa hay.
Feb., 1916. 261 lbs. grain of the following mixture: 34 lbs. bran, 12 lbs. each crushed oats and oil meal, 203 lbs. Union Grains; 87 lbs. beet pulp, 232 lbs. ensilage, 174 lbs. each alfalfa and clover hay.
Mar., 1916. 310 lbs. grain of the following mixture: 36 lbs. bran, 13 lbs. each crushed oats and oil meal, 248 lbs. Union Grains; 124 lbs. beet pulp, 248 lbs. ensilage, 155 lbs. each alfalfa and mixed hay.
Apr., 1916. 300 lbs. grain of the following mixture: 36 lbs. bran, 12 lbs. each crushed oats and oil meal, 240 lbs. Union Grains; 120 lbs. beet pulp, 240 lbs. ensilage, 150 lbs. each alfalfa and mixed hay.
May, 1916. Same grain ration as given in March; 124 lbs. beet pulp, 248 lbs. ensilage, 124 lbs. each alfalfa and mixed hay.
June, 1916. 300 lbs. grain of the following mixture: 36 lbs. bran, 12 lbs. each crushed oats and oil meal, 240 lbs. Union Grains; 120 lbs. beet pulp, 240 lbs. ensilage, 120 lbs. alfalfa hay, pasture.
July, 1916. 310 lbs. grain of the following mixture: 36 lbs. bran, 13 lbs. each crushed oats and oil meal, 248 lbs. Union Grains; 171 lbs. beet pulp, 930 lbs. ensilage, 775 lbs. green forage, pasture.
Aug., 1916. Same grain ration as given in July; 62 lbs. beet pulp, 186 lbs. ensilage, pasture.
Sept., 1916. 270 lbs. grain of the following mixture: 36 lbs. bran, 12 lbs. each crushed oats and oil meal, 210 lbs. Union Grains; 120 lbs. beet pulp, 180 lbs. ensilage, 225 lbs. green corn, 450 lbs. green grass, 60 lbs. mixed hay.
Oct., 1916. 180 lbs. grain of the following mixture: 22 lbs. bran, 7 lbs. each crushed oats and oil meal, 144 lbs. Union Grains; 54 lbs. beet pulp, 270 lbs. ensilage, 144 lbs. mixed hay.

4766 Rhea's Ultra May Rose 42962

Sire Ne Plus Ultra (15265) A. R.
Sire Dolly Dimple's May King of Langwater (12997) A. R.
Dam Imp. Itchen Daisy 3d (15630) A. R. 100.
Dam Gibson Girl (23453).
Sire Milford's Lassie 2d's Anchor (8467) A. R.
Dam Rhea Girl (17137).
Breeder James McK. Merryman, Lutherville, Md.
Owner S. M. Shoemaker, Eccleston, Md.
Born Nov. 13, 1912. *Calved* Sept. 1, 1915. *Served* Jan. 30, 1916.
Requirement for admission: 280.20 lbs. butter fat.

Official year's record: 10551.40 lbs. milk; 541.34 lbs. butter fat.

(Record from Sept. 7, 1915 to Sept. 6, 1916.)
Supervised by Maryland Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Sept.,	1915,	780.00 lbs.	4.42 %	34.48 lbs.
Oct.,	"	1037.40 "	4.78 "	49.59 "
Nov.,	"	961.20 "	5.43 "	52.19 "
Dec.,	"	943.90 "	5.27 "	49.74 "
Jan.,	1916,	951.00 "	5.15 "	48.98 "
Feb.,	"	839.20 "	5.42 "	45.48 "
Mar.,	"	898.10 "	5.24 "	47.06 "
Apr.,	"	866.30 "	5.29 "	45.83 "
May,	"	865.30 "	5.09 "	44.04 "
June,	"	812.30 "	5.21 "	42.32 "
July,	"	757.00 "	5.16 "	39.06 "
Aug.,	"	705.20 "	5.07 "	35.75 "
Sept.,	"	134.50 "	5.07 "	6.82 "
Total		10551.40 lbs.	5.13 Av. %	541.34 lbs.

Feed

Sept., 1915. 8 lbs. grain daily, 6 lbs. of the following mixture with 1 lb. each bran and oil meal added: 200 lbs. bran, 50 lbs. each middlings, hominy chop, Ajax Flakes, and flaxseed meal, 150 lbs. oats, 20 lbs. salt; 1 lb. molasses, 25 lbs. ensilage, 10 lbs. alfalfa hay.
Oct., 1915. 9.5 lbs. grain daily, 7.5 lbs. of the following mixture with 1 lb. each bran and oil meal added: 200 lbs. bran, 50 lbs. each hominy chop, Ajax Flakes, gluten, and flaxseed meal, 150 lbs. oats, 20 lbs. salt; 1 lb. molasses, 2 lbs. roots, 25 lbs. ensilage, 10 lbs. alfalfa hay.
Nov., 1915. 10.5 lbs. grain daily, 7.5 lbs. of the following mixture with 1.5 lbs. each bran and oil meal added: 200 lbs. bran, 50 lbs. each middlings, hominy chop, Ajax Flakes, and flaxseed meal, 150 lbs. oats, 20 lbs. salt; 2 lbs. each molasses and beet pulp, 20 lbs. ensilage, 10 lbs. alfalfa hay.
Dec., 1915. 12 lbs. grain daily, 7.5 lbs. of the following mixture with 1 lb. bran, 3 lbs. Larro-Feed, and .5 lb. oil meal added: 200 lbs. bran, 50 lbs. each middlings, hominy chop, Ajax Flakes, and flaxseed meal, 150 lbs. oats, 20 lbs. salt; 2 lbs. each molasses and beet pulp, 20 lbs. ensilage, 10 lbs. alfalfa hay.
Jan., 1916. Same ration as given in December with 5 lbs. roots added daily.
Feb., 1916. 12 lbs. grain daily, 10.5 lbs. of the following mixture with 1 lb. bran and .5 lb. oil meal added: 200 lbs. bran, 50 lbs. each middlings, hominy chop, Ajax Flakes, and flaxseed meal, 150 lbs. oats, 100 lbs. Larro-Feed, 20 lbs. salt; 2 lbs. each molasses and beet pulp, 5 lbs. roots, 20 lbs. ensilage, 10 lbs. alfalfa hay.
Mar., 1916. Same ration as given in February.
Apr., 1916. Same ration as given in February.
May, 1916. Same ration as given in February.
June, 1916. 10.5 lbs. grain daily, 7.5 lbs. of the following mixture with 1.5 lbs. bran, .5 lb. Ajax Flakes, and 1 lb. oil meal added: 200 lbs. each bran and Larro-Feed, 50 lbs. each middlings, hominy chop, Ajax Flakes, and flaxseed meal, 150 lbs. oats, 20 lbs. salt; 2 lbs. each molasses and beet pulp, 12 lbs. alfalfa hay.
July, 1916. Same ration as given in June.
Aug., 1916. 9.5 lbs. grain daily, 6.5 lbs. of same grain mixture as given in June with 1.5 lbs. bran, .5 lb. Ajax Flakes, and 1 lb. oil meal added; 2 lbs. each molasses and beet pulp, 25 lbs. green corn, 8 lbs. alfalfa hay.
Sept., 1916. Same grain ration as given in August; 1 lb. molasses, 2 lbs. beet pulp, 25 lbs. green corn, 8 lbs. alfalfa hay.

4767 Imp. Bordeaux of Courtil Brée 51983

Sire On Guernsey Deanie's Squire (R. G. A. S. 2734 P. S.) A. R.
Sire On Guernsey Alderney II. (R. G. A. S. 2215 P. S.) A. R.
Dam On Guernsey Deanie XII. (R. G. A. S. 4699 P. S.).
Dam On Guernsey Bordeaux of les Poidevins (R. G. A. S. 4179 F. S.).
Sire On Guernsey.
Dam On Guernsey.
Breeder D. J. Sebire, Island of Guernsey.
Owner George McKerrow & Sons Co., Pewaukee, Wis.
Born June 29, 1913. *Calved* Sept. 6, 1915. *Served* Apr. 20, 1916.
Requirement for admission: 257.60 lbs. butter fat.

Official year's record: 9289.40 lbs. milk; 516.12 lbs. butter fat.

(Record from Sept. 9, 1915 to Sept. 8, 1916.)
Supervised by Wisconsin Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Sept.,	1915,	648.50 lbs.	4.59 %	29.77 lbs.
Oct.,	"	919.20 "	5.02 "	46.14 "
Nov.,	"	816.40 "	5.05 "	41.23 "
Dec.,	"	810.00 "	5.74 "	46.49 "
Jan.,	1916,	784.50 "	5.92 "	46.44 "
Feb.,	"	707.40 "	6.15 "	43.51 "
Mar.,	"	730.40 "	5.78 "	42.22 "
Apr.,	"	704.60 "	5.83 "	41.08 "
May,	"	739.10 "	5.79 "	42.79 "
June,	"	751.50 "	5.83 "	43.81 "
July,	"	751.40 "	5.45 "	40.95 "
Aug.,	"	744.60 "	5.58 "	41.55 "
Sept.,	"	181.80 "	5.58 "	10.14 "
Total		9289.40 lbs.	5.56 Av. %	516.12 lbs.

Feed

Sept., 1915. 8.4 lbs. grain daily of the following mixture: 2.4 lbs. corn meal, 3 lbs. each ground oats and Ajax Flakes; 10 lbs. beets, pasture.
Oct., 1915. 7.5 lbs. grain daily of the following mixture: 3 lbs. each bran and corn meal, 1.5 lbs. oil meal; 5 lbs. roots, 10 lbs. ensilage, alfalfa hay.
Nov., 1915. 9 lbs. grain daily of the following mixture: 1.5 lbs. each bran and oil meal, 3 lbs. each corn meal and Ajax Flakes; 12 lbs. roots, 20 lbs. ensilage, alfalfa hay.
Dec., 1915. 7.5 lbs. grain daily of the following mixture: 1.5 lbs. bran, 3 lbs. each corn meal and Ajax Flakes; 12 lbs. roots, 20 lbs. ensilage, alfalfa hay.
Jan., 1916. 8 lbs. grain daily of the following mixture: 2 lbs. each bran and corn meal, 2.5 lbs. Ajax Flakes, 1.5 lbs. oil meal; 12 lbs. roots, 20 lbs. ensilage, alfalfa hay.
Feb., 1916. 9 lbs. grain daily of the following mixture: 1.5 lbs. each bran and oil meal, 3 lbs. each corn meal and Ajax Flakes; 15 lbs. roots, 20 lbs. ensilage, alfalfa hay.
Mar., 1916. 7.5 lbs. grain daily of the following mixture: 1.5 lbs. each bran, corn meal, and oil meal, 3 lbs. Ajax Flakes; 12 lbs. roots, 15 lbs. ensilage, alfalfa hay.
Apr., 1916. 9 lbs. grain daily of the following mixture: 2.5 lbs. each bran, corn meal, and Ajax Flakes, 1.5 lbs. oil meal; 12 lbs. roots, 20 lbs. ensilage, alfalfa hay.
May, 1916. 7.5 lbs. grain daily of the following mixture: 2 lbs. each bran, corn meal, and Ajax Flakes, 1.5 lbs. oil meal; 4 lbs. beet pulp, 20 lbs. ensilage, alfalfa hay ad libitum, green alfalfa after the 14th.
June, 1916. 9 lbs. grain daily of the following mixture: 1.5 lbs. each bran, corn meal, ground oats, and oil meal, 3 lbs. Ajax Flakes; hay and pasture.
July, 1916. 5.5 lbs. grain daily of the following mixture: 2 lbs. each bran and Ajax Flakes, 1.5 lbs. oil meal; blue grass pasture.
Aug., 1916. Same grain ration as given in July; millet, alfalfa hay to the 15th then rape.
Sept., 1916. 7.5 lbs. grain daily of the following mixture: 2 lbs. each bran, hominy, and Ajax Flakes, 1.5 lbs. oil meal; 10 lbs. each roots and ensilage, alfalfa hay ad libitum.

4768 **Anita of Elmhurst 48044**

Sire King Francis of Linda Vista (18618) A. R.
Sire Jethro's May King of Linda Vista (14591) A. R.
Dam Imp. Ramée Rose II. (18925) A. R. 1670.
Dam Elmhurst Wood (29771) A. R. 3773.
Sire Combination of Maplehurst (10709) A. R.
Dam Cold Brook's Sparrow (21499).
Breeder Little Brothers, Bath, New York.
Owner Frank M. Smith, Springfield Center, N. Y.
Born July 28, 1913. *Calved* Oct. 12, 1915. *Served* Mar. 28, 1916.
Requirement for admission: 258.90 lbs. butter fat.

Official year's record: 10254.50 lbs. milk; 513.36 lbs. butter fat.

(Record from Oct. 21, 1915 to Oct. 20, 1916.)
Supervised by Cornell Agricultural Experiment Station, Ithaca, N. Y.

Year's Record		*Milk*	*Butter Fat*	
Oct.,	1915,	315.20 lbs.	4.60 %	14.50 lbs.
Nov.,	"	796.50 "	4.60 "	36.64 "
Dec.,	"	820.60 "	4.85 "	39.80 "
Jan.,	1916,	793.40 "	4.44 "	35.23 "
Feb.,	"	832.40 "	4.78 "	39.79 "
Mar.,	"	866.40 "	5.28 "	45.75 "
Apr.,	"	876.50 "	5.05 "	44.26 "
May,	"	944.00 "	4.97 "	46.92 "
June,	"	953.40 "	5.22 "	49.77 "
July,	"	875.90 "	4.92 "	43.09 "
Aug.,	"	877.70 "	4.97 "	43.62 "
Sept.,	"	820.70 "	5.68 "	46.62 "
Oct.,	"	481.80 "	5.68 "	27.37 "
Total		10254.50 lbs.	5.00 Av. %	513.36 lbs.

Owner's Statement of Feed

Oct., 1915. 82.5 lbs. grain: 49.5 lbs. of the following mixture with 33 lbs. bran added: 200 lbs. bran, 100 lbs. each corn meal, ground oats, gluten, cottonseed meal, and oil meal; ensilage and hay.
Nov., 1915. Same ration as given in October.
Dec., 1915. 232.5 lbs. grain: 139.5 lbs. of the following mixture with 93 lbs. bran added: 200 lbs. bran, 100 lbs. each corn meal, ground oats, Ajax Flakes, and oil meal; ensilage and mixed hay.
Jan., 1916. 204 qts. grain to the 17th of 200 lbs. bran, 100 lbs. each corn meal, ground oats, and Ajax Flakes, then 45 lbs. of 100 lbs. each bran, corn meal, and ground oats, 150 lbs. Ajax Flakes, 35 lbs. of 3 lbs. bran, 2 lbs. each corn meal and ground oats, and 52 lbs. of 3 lbs. each bran and ground oats, 2 lbs. corn meal, 5 lbs. Ajax Flakes; ensilage and alfalfa.
Feb., 1916. 410.25 lbs. grain: 108 lbs. of 27 lbs. each bran and ground oats and 54 lbs. Ajax Flakes, then 300 lbs. of the following mixture with 2.25 lbs. oil meal added: 60 lbs. each bran, ground oats, and gluten, 80 lbs. Ajax Flakes, 40 lbs. corn meal; roots, alfalfa, and hay.
Mar., 1916. 489.5 lbs. grain: 341 lbs. of 66 lbs. each bran, ground oats, and gluten, 44 lbs. corn meal, 88 lbs. Ajax Flakes, 11 lbs. oil meal, and 148.5 lbs. of 27 lbs. each bran, corn meal, and ground oats, 63 lbs. Ajax Flakes, 4.5 lbs. oil meal; ensilage and hay.
Apr., 1916. 319 lbs. grain: 273 lbs. of 52 lbs. each bran, corn meal, and ground oats, 104 lbs. Ajax Flakes, 13 lbs. oil meal, and 46 lbs. of 8 lbs. each bran, corn meal, ground oats, and gluten, 12 lbs. Ajax Flakes, 2 lbs. oil meal; 6 lbs. beet pulp, ensilage, hay.
May, 1916. 387.5 lbs. grain: 62 lbs. each bran, corn meal, and gluten, 93 lbs. each ground oats and Ajax Flakes, 15.5 lbs. oil meal; 31 lbs. beet pulp, ensilage, hay.
June, 1916. 394.5 lbs. grain: 94.5 lbs. of the following mixture: 14 lbs. each bran and corn meal, 21 lbs. ground oats, 42 lbs. Ajax Flakes, 3.5 lbs. oil meal, and 300 lbs. of 48 lbs. each bran, corn meal, and gluten, 72 lbs. each ground oats and Ajax Flakes, 12 lbs. oil meal; ensilage, hay, and pasture.
July, 1916. 387.5 lbs. grain: 93 lbs. each bran and ground oats, 124 lbs. Ajax Flakes, 62 lbs. gluten, 15.5 lbs. oil meal; green peas and oats.
Aug., 1916. 403 lbs. grain: 77.5 lbs. bran, 93 lbs. ground oats, 155 lbs. Ajax Flakes, 62 lbs. gluten, 15.5 lbs. oil meal; soilage.
Sept., 1916. 540 lbs. grain: 135 lbs. bran, 112.5 lbs. ground oats and barley, 180 lbs. Ajax Flakes, 90 lbs. gluten, 22.5 lbs. oil meal; soilage and alfalfa hay.
Oct., 1916. 360 lbs. grain: 90 lbs. bran, 75 lbs. ground oats and barley, 120 lbs. Ajax Flakes, 60 lbs. gluten, 15 lbs. oil meal; soilage and alfalfa hay.

4769 **Pearl of Pomeroy 40325**

Sire Langwater Royal (14253) A. R.
Sire Imp. King of the May (9001) A. R.
Dam Langwater Royal Rose (21334).
Dam Gerar Pearl (23595) A. R. 1107.
Sire Tony Sharon (11610).
Dam Mary Jane of Gerar (17013) A. R. 2367.
Breeder M. T. Phillips, Pomeroy, Pa.
Owner M. T. Phillips, Pomeroy, Pa.
Born Apr. 8, 1912. *Calved* Oct. 26, 1915. *Served* May 21, 1916.
Requirement for admission: 307.40 lbs. butter fat.

Official year's record: 12114.70 lbs. milk; 618.65 lbs. butter fat.

(Record from Oct. 30, 1915 to Oct. 29, 1916.)
Supervised by Pennsylvania Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Oct.,	1915,	67.80 lbs.	5.08 %	3.44 lbs.
Nov.,	"	1122.60 "	5.08 "	57.03 "
Dec.,	"	1162.30 "	4.73 "	54.98 "
Jan.,	1916,	1120.10 "	5.09 "	57.01 "
Feb.,	"	1020.10 "	4.48 "	45.70 "
Mar.,	"	1033.80 "	5.18 "	53.55 "
Apr.,	"	1024.30 "	5.36 "	54.90 "
May,	"	1143.10 "	5.66 "	64.70 "
June,	"	1080.10 "	5.24 "	56.60 "
July,	"	1018.00 "	4.86 "	49.47 "
Aug.,	"	896.70 "	5.49 "	49.23 "
Sept.,	"	805.70 "	4.90 "	39.48 "
Oct.,	"	620.10 "	5.25 "	32.56 "
Total		12114.70 lbs.	5.11 Av. %	618.65 lbs.

Owner's Statement of Feed

Oct., 1915. 16 lbs. grain: 8 lbs. each bran and beet pulp; ensilage, mixed hay and timothy hay.
Nov., 1915. 280 lbs. grain: 60 lbs. each bran, gluten, and beet pulp, 30 lbs. each ground oats and Brewers' Grains, 40 lbs. Distillers' Grains; ensilage, mixed alfalfa and timothy hay.
Dec., 1915. 318 lbs. grain: 93 lbs. each bran and gluten, 31 lbs. ground oats, 46 lbs. Distillers' Grains, 15 lbs. O. P. oil meal, 24 lbs. cob meal, 16 lbs. beet pulp; 186 lbs. beets, ensilage, mixed alfalfa and timothy hay.
Jan., 1916. 262 lbs. grain: 62 lbs. each bran and gluten, 31 lbs. each cob meal, Brewers' Grains, and Distillers' Grains, 45 lbs. beet pulp; 93 lbs. beets, ensilage, mixed hay.
Feb., 1916. 350 lbs. grain: 73 lbs. each bran and corn and cob meal, 29 lbs. each Brewers' Grains and Distillers' Grains, 44 lbs. gluten, 15 lbs. O. P. oil meal, 87 lbs. beet pulp; 145 lbs. beets, ensilage, alfalfa.
Mar., 1916. 449 lbs. grain: 93 lbs. each bran and beet pulp, 62 lbs. each corn meal and gluten, 31 lbs. each ground oats, Brewers' Grains, Distillers' Grains, and O. P. oil meal, 15 lbs. molasses meal; ensilage and mixed hay.
Apr., 1916. 430 lbs. grain: 90 lbs. each bran and corn meal, 30 lbs. each hominy and ground oats, 60 lbs. each Distillers' Grains, gluten, and beet pulp, 10 lbs. molasses; ensilage, mixed alfalfa and timothy hay.
May, 1916. 627.75 lbs. grain: 62 lbs. each bran and ground oats, 155 lbs. corn meal, 93 lbs. Schumacher Feed, 77.5 lbs. corn Distillers' Grains, 124 lbs. beet pulp, 54.25 lbs. molasses meal; ensilage to the 15th, pasture.
June, 1916. 491 lbs. grain: 36 lbs. of Mixture No. 1, 200 lbs. each bran and corn Distillers' Grains, 125 lbs. corn meal, 40 lbs. Badger Dairy Feed, 100 lbs. Schumacher Feed, 70 lbs. gluten, 10 lbs. salt, 188 lbs. grain of Mixture No. 2, 240 lbs. bran, 160 lbs. corn meal, 300 lbs. corn Distillers' Grains, 40 lbs. Badger Dairy Feed, 100 lbs. gluten, 64 lbs. Cow Chow, 15 lbs. salt, 72 lbs. of Mixture No. 3, 18 lbs. bran, 30 lbs. corn Distillers' Grains, 40 lbs. Cow Chow, 20 lbs. Badger Dairy Feed, 10 lbs. gluten, 2 lbs. salt, 195 lbs. beet pulp; pasture.
July, 1916. 501.13 lbs. grain: 22.26 lbs. bran, 23 lbs. corn meal, 48.90 lbs. Cow Chow, 106.35 lbs. Distillers' Grains, 176 lbs. Larro-Feed, 29.12 lbs. gluten, 95.5 lbs. beet pulp; alfalfa and pasture.
Aug., 1916. 399.16 lbs. grain: 49.75 lbs. bran, 43.8 lbs. corn meal, 15.71 lbs. ground oats, 16.7 lbs. Cow Chow, 169.8 lbs. Distillers' Grains, 41.4 lbs. gluten, 62 lbs. beet pulp; green corn, alfalfa, and pasture.
Sept., 1916. 447 lbs. grain: 71 lbs. bran, 39 lbs. corn meal, 170 lbs. Distillers' Grains, 67 lbs. gluten, 100 lbs. beet pulp; alfalfa and pasture.
Oct., 1916. 321 lbs. grain: 69 lbs. bran, 36 lbs. corn meal, 100 lbs. Distillers' Grains, 42 lbs. gluten, 74 lbs. beet pulp; ensilage and alfalfa.

4770 Royal's Toma 48830

Sire Langwater Royal (14253) A. R.
Sire Imp. King of the May (9001) A. R.
Dam Langwater Royal Rose (21334).
Dam Toma of Hillstead (18834) A. R. 1123.
Sire Glenwood's Combination (8927) A. R.
Dam Lialette's Maud's Lialette (16274).
Breeder M. T. Phillips, Pomeroy, Pa.
Owner M. T. Phillips, Pomeroy, Pa.
Born Oct. 23, 1913. *Calved* Oct. 14, 1915. *Served* Sept. 30, 1916.
Requirement for admission: 250.50 lbs. butter fat.

Official year's record: 9187.70 lbs. milk; 445.22 lbs. butter fat.

(Record from Oct. 18, 1915 to Oct. 17, 1916.)
Supervised by Pennsylvania Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Oct.,	1915,	369.50 lbs.	4.30 %	15.89 lbs.
Nov.,	"	932.20 "	4.30 "	40.08 "
Dec.,	"	944.00 "	4.16 "	39.27 "
Jan.,	1916,	952.20 "	4.66 "	44.37 "
Feb.,	"	857.70 "	4.87 "	41.77 "
Mar.,	"	884.00 "	5.01 "	44.29 "
Apr.,	"	756.40 "	4.76 "	36.00 "
May,	"	768.90 "	5.43 "	41.75 "
June,	"	699.60 "	5.07 "	35.47 "
July,	"	661.30 "	5.06 "	33.46 "
Aug.,	"	605.70 "	5.59 "	33.86 "
Sept.,	"	500.50 "	4.98 "	24.92 "
Oct.,	"	255.70 "	5.51 "	14.09 "
Total		9187.70 lbs.	4.85 Av. %	445.22 lbs.

Owner's Statement of Feed

Oct., 1915. 70 lbs. grain: 21 lbs. each bran and beet pulp, 14 lbs. each oats and gluten; ensilage and mixed hay.
Nov., 1915. 225 lbs. grain: 45 lbs. each bran, gluten, and beet pulp, 30 lbs. each ground oats, Brewers' Grains, and Distillers' Grains; ensilage, mixed alfalfa and timothy hay.
Dec., 1915. 318 lbs. grain: 93 lbs. each bran and gluten, 31 lbs. ground oats, 46 lbs. Distillers' Grains, 15 lbs. O. P. oil meal with 24 lbs. cob meal and 16 lbs. beet pulp added after the 24th; 186 lbs. beets, ensilage, mixed alfalfa and timothy hay.
Jan., 1916. 262 lbs. grain: 62 lbs each bran and gluten, 31 lbs. each cob meal, Brewers' Grains, and Distillers' Grains, 45 lbs. beet pulp; 93 lbs. beets, ensilage, mixed hay.
Feb., 1916. 276 lbs. grain: 58 lbs. each bran, corn and cob meal, and beet pulp, 29 lbs each Brewers' Grains, Distillers' Grains, and gluten, 15 lbs. O. P. oil meal; 116 lbs. beets, ensilage, alfalfa.
Mar., 1916. 283 lbs. grain: 62 lbs. each bran and beet pulp, 46 lbs. corn meal, 16 lbs. each ground oats and O. P. oil meal, 20 lbs. each Brewers' Grains and Distillers' Grains, 31 lbs. gluten, 10 lbs. molasses meal; ensilage and mixed hay.
Apr., 1916. 255 lbs. grain: 60 lbs. each bran and corn meal, 15 lbs. each hominy and ground oats, 30 lbs. each Distillers' Grains and gluten, 45 lbs. beet pulp; ensilage, mixed alfalfa and timothy hay.
May, 1916. 403 lbs. grain: 54.25 lbs. bran, 85.25 lbs. each corn meal and beet pulp, 77.5 lbs. corn Distillers' Grains, 62 lbs. Schumacher Feed, 38.75 lbs. molasses meal; ensilage to the 15th, pasture.
June, 1916. 333 lbs. grain: 21 lbs. grain of Mixture No. 1, 200 lbs. each bran and corn Distillers' Grains, 125 lbs. corn meal, 100 lbs. Schumacher Feed, 40 lbs. Badger Dairy Feed, 70 lbs. gluten, 10 lbs. salt, 147 lbs. of Mixture No. 2, 240 lbs. bran, 160 lbs. corn meal, 300 lbs. corn Distillers' Grains, 40 lbs. Badger Dairy Feed, 100 lbs. gluten, 15 lbs. salt, 42 lbs. of Mixture No. 3, 18 lbs. bran, 40 lbs. Cow Chow, 30 lbs. corn Distillers' Grains, 20 lbs Badger Dairy Feed, 10 lbs. gluten, 2 lbs. salt, 123 lbs. beet pulp: pasture.
July, 1916. 383.63 lbs. grain: 20.8 lbs. bran, 8.22 lbs. corn meal, 91.53 lbs. Distillers' Grains, 29 lbs. gluten, 44.33 lbs. Cow Chow, 134 lbs. Larro-Feed, 55.75 lbs. beet pulp; alfalfa and pasture.
Aug., 1916. 391.76 lbs. grain: 46.4 lbs. bran, 42.5 lbs. corn meal, 17.46 lbs. ground oats, 21 lbs. Cow Chow, 166 lbs. Distillers' Grains, 36.4 lbs. gluten, 62 lbs. beet pulp; green corn, alfalfa and pasture.
Sept. 1916. 347 lbs. grain: 57 lbs. each bran and gluten, 33 lbs. corn meal, 133 lbs. Distillers' Grains, 67 lbs. beet pulp; alfalfa and pasture.
Oct., 1916. 177 lbs. grain: 35 lbs. bran, 17.5 lbs. corn meal, 74.5 lbs. Distillers' Grains, 24.5 lbs. gluten, 25.5 lbs. beet pulp; ensilage and alfalfa.

4771 Bessie Marshall 3d 38823

Sire Malcolm of Monmouth (10814).
Sire Malcolm of Maplehurst (5626) A. R.
Dam Zelma (13051) A. R. 31.
Dam Bessie Marshall (30356).
Sire Smith Marshall (7888).
Dam Candice (18578).
Breeder George S. Smith, Monmouth, Me.
Owner George S. Smith, Monmouth, Me.
Born Sept. 11, 1911. *Calved* Aug. 4, 1915. *Served* Dec. 13, 1915.
Requirement for admission: 320.70 lbs. butter fat.

Official year's record: 7088.90 lbs. milk; 434.34 lbs. butter fat.

(Record from Aug. 15, 1915 to Aug. 14, 1916.)
Supervised under one day test by Maine Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Aug.,	1915,	358.90 lbs.	5.24 %	18.81 lbs.
Sept.,	"	625.60 "	5.24 "	32.78 "
Oct.,	"	539.40 "	5.68 "	30.64 "
Nov.,	"	530.70 "	6.52 "	34.61 "
Dec.,	"	557.60 "	6.10 "	34.01 "
Jan.,	1916,	581.10 "	6.45 "	37.48 "
Feb.,	"	564.60 "	7.10 "	40.09 "
Mar.,	"	638.70 "	6.30 "	40.24 "
Apr.,	"	576.60 "	6.34 "	36.56 "
May,	"	701.20 "	5.85 "	41.02 "
June,	"	625.40 "	6.36 "	39.78 "
July,	"	576.30 "	5.94 "	34.23 "
Aug.,	"	212.80 "	6.62 "	14.09 "
Total		7088.90 lbs.	6.13 Av. %	434.34 lbs.

Feed

Aug., 1915. 14 lbs. grain daily of the following mixture: 8 lbs. bran, 3 lbs. each corn meal and oil meal; 16 lbs. corn fodder, pasture.
Sept., 1915. Same ration as given in August.
Oct., 1915. 9 lbs. grain daily of 8 lbs. bran and 1 lb. corn meal; 5 lbs. hay, pasture.
Nov., 1915. Same ration as given in October.
Dec., 1915. 9.5 lbs. grain daily of the following mixture: 7 lbs. bran, 2.5 lbs. corn meal; 25 lbs. ensilage, 15 lbs. hay.
Jan., 1916. 11 lbs. grain daily of the following mixture: 7.5 lbs. mixed feed, 3.5 lbs. Ajax Flakes; 25 lbs. ensilage, 15 lbs. hay.
Feb., 1916. Same ration as given in January.
Mar., 1916. 11.5 lbs. grain daily of the following mixture: 7.5 lbs. bran, 3.5 lbs. Ajax Flakes, .5 lb. oil meal; 25 lbs. ensilage, 15 lbs. hay.
Apr., 1916. Same grain ration as given in March; 2 lbs. beet pulp, 15 lbs. each ensilage and hay.
May, 1916. 12 lbs. grain daily of the following mixture: 7.5 lbs. bran, 3.5 lbs. Ajax Flakes, 1 lb. oil meal; 6 lbs. beet pulp, 15 lbs. hay.
June, 1916. 7.5 lbs. grain daily of the following mixture: 5 lbs. bran, 2.5 lbs. Ajax Flakes; 4 lbs. beet pulp, pasture.
July, 1916. 5.5 lbs. grain daily of the following mixture: 1.5 lbs. each mixed feed and Ajax Flakes, 2.5 lbs. Stevens Ration; 4 lbs. beet pulp, pasture.
Aug., 1916. 6 lbs. grain daily of the following mixture: 3 lbs. bran, 2.5 lbs. Stevens Ration, .5 lb. oil meal; 4 lbs. beet pulp, pasture.

4772 Sylph's Primrose 60440

Sire College Heirloom (21171).
Sire Island Heirloom of Hillside Farms (12621).
Dam Creusa of Orono (22911) A. R. 1896.
Dam Imp. Sylph of Sarnia (40460).
Sire On Guernsey Osseo II. (R. G. A. S. 1945 P. S.) A. R.
Dam On Guernsey Blanchette II. (R. G. A. S. 3034 F. S.).
Breeder George S. Smith, Monmouth, Me.
Owner George S. Smith, Monmouth, Me.
Born July 5, 1913. *Calved* July 23, 1915. *Served* Jan. 25, 1916.
Requirement for admission: 253.10 lbs. butter fat.

Official year's record: 7604.70 lbs. milk; 351.39 lbs. butter fat.

Supervised under one day test by Maine Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Aug.,	1915,	931.10 lbs.	2.80 %	26.07 lbs.
Sept.,	"	727.50 "	3.87 "	28.15 "
Oct.,	"	601.80 "	5.52 "	33.22 "
Nov.,	"	571.60 "	5.03 "	28.75 "
Dec.,	"	581.60 "	5.40 "	31.41 "
Jan.,	1916,	629.20 "	4.90 "	30.83 "
Feb.,	"	524.10 "	4.32 "	22.64 "
Mar.,	"	624.50 "	5.00 "	31.23 "
Apr.,	"	629.20 "	5.00 "	31.46 "
May,	"	672.50 "	4.76 "	32.01 "
June,	"	641.60 "	5.16 "	33.11 "
July,	"	470.00 "	4.79 "	22.51 "
Total		7604.70 lbs.	4.62 Av. %	351.39 lbs.

Feed

Aug., 1915. 4.6 lbs. grain daily of 3.6 lbs. bran, 1 lb. oil meal; 6 lbs. beet pulp, pasture.
Sept., 1915. 14 lbs. grain daily of the following mixture: 8 lbs. bran, 3 lbs. each corn meal and oil meal; 16 lbs. corn fodder and pasture.
Oct., 1915. 9 lbs. grain daily of 8 lbs. bran and 1 lb. corn meal; 5 lbs. hay and pasture.
Nov., 1915. Same ration as given in October.
Dec., 1915. 9.5 lbs. grain daily of 7 lbs. bran and 2.5 lbs. corn meal; 25 lbs. ensilage, 15 lbs. hay.
Jan., 1916. 11 lbs. grain daily of 7.5 lbs. mixed feed, 3.5 lbs. Ajax Flakes; 25 lbs. ensilage, 15 lbs. hay.
Feb., 1916. Same ration as given in January.
Mar., 1916. 11.5 lbs. grain daily of the following mixture: 7.5 lbs. bran, 3.5 lbs. Ajax Flakes, .5 lb. oil meal; 25 lbs. ensilage, 15 lbs. hay.
Apr., 1916. Same grain ration as given in March; 2 lbs. beet pulp, 15 lbs. each ensilage and hay.
May, 1916. 12 lbs. grain daily of the following mixture: 7.5 lbs. mixed feed, 3.5 lbs. Ajax Flakes, 1 lb. oil meal; 6 lbs. beet pulp, 15 lbs. hay.
June, 1916. 5 lbs. grain daily of 3 lbs. bran, 2 lbs. Ajax Flakes; 3 lbs. beet pulp, pasture.
July, 1916. 5.5 lbs. grain daily of the following mixture: 1.5 lbs. each mixed feed and Ajax Flakes, 2.5 lbs. Stevens Ration; 3 lbs. beet pulp, pasture.

4773 Silver Ruhl 26157

Sire Royal Flush (9411) A. R.
Sire B. O. K. (6808).
Dam Elsie Gray (12587).
Dam Mignon (19181).
Sire Rubina's Golden Prince (6351).
Dam Funa (8055).
Breeder Seb Heller, Calumetville, Wis.
Owner Ingalls Farm Company, Fond du Lac, Wis.
Born Dec. 3, 1908. *Calved* Sept. 28, 1915. *Served* Apr. 18, 1916.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 9942.20 lbs. milk; 422.21 lbs. butter fat.

Supervised under one day test by Wisconsin Agricultural Experiment Station.

Year's Record		Milk	Butter Fat	
Oct.,	1915,	993.10 lbs.	4.33 %	43.00 lbs.
Nov.,	"	954.70 "	4.19 "	40.00 "
Dec.,	"	950.60 "	3.57 "	33.94 "
Jan.,	1916,	972.90 "	3.94 "	38.33 "
Feb.,	"	838.40 "	3.81 "	31.94 "
Mar.,	"	929.70 "	4.48 "	41.65 "
Apr.,	"	812.20 "	3.92 "	31.84 "
May,	"	897.80 "	4.56 "	40.94 "
June,	"	872.90 "	4.69 "	40.94 "
July,	"	759.50 "	4.01 "	30.46 "
Aug.,	"	586.90 "	4.61 "	27.06 "
Sept.,	"	373.50 "	5.92 "	22.11 "
Total		9942.20 lbs.	4.25 Av. %	422.21 lbs.

Feed

Oct., 1915. 9 lbs. grain daily of the following mixture: 400 lbs. each bran, corn meal, hominy, ground oats, and gluten, 600 lbs. ground barley, 200 lbs. linseed meal; timothy and clover hay, sweet corn in pasture.
Nov., 1915. 9 lbs. grain daily of the following mixture: 300 lbs. each bran, corn meal, hominy, ground oats, ground barley, and gluten, 100 lbs. oil meal; corn in pasture to the 20th then ensilage, alfalfa and clover hay.
Dec., 1915. Same grain ration as given in November; ensilage, alsike, red clover, and alfalfa hay.
Jan., 1916. 9 lbs. grain daily of the following mixture: 1000 lbs. bran, 400 lbs. each corn meal and ground oats, 200 lbs. each gluten and oil meal; ensilage, alsike, red clover, and alfalfa hay.
Feb., 1916. 9 lbs. grain daily of the following mixture: 800 lbs. bran, 300 lbs. each corn meal and ground oats, 200 lbs. gluten, 100 lbs. oil meal; ensilage, mixed clover and alfalfa hay.
Mar., 1916. Same ration as given in February.
Apr., 1916. 8 lbs. grain daily of the following mixture: 500 lbs. bran, 100 lbs. each corn meal, hominy, ground oats, and oil meal; ensilage, alfalfa and clover hay.
May, 1916. 7 lbs. grain daily of the following mixture: 400 lbs. bran, 100 lbs. each corn meal, hominy, and oil meal; ensilage to the 15th then pasture, alfalfa and clover hay.
June, 1916. Pasture.
July, 1916. Pasture with 5 lbs. grain daily of the following mixture after the 20th: 200 lbs. bran, 100 lbs. each hominy and oil meal.
Aug., 1916. 5 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each hominy, Schumacher Feed, alfalfa meal, and oil meal; pasture.
Sept., 1916. Same grain ration as given in August with 100 lbs. ground oats added to mixture; pasture.

4774 Pearl of Ingalls Farm 36710

Sire Empire of Birchwood (12469).
Sire Penwyn 2d (7559) A. R.
Dam Clara K. 3d (17281) A. R. 533.
Dam Imp. Miranda's Star of Lewison (27751).
Sire Imp. Bijou's Star (13829) A. R.
Dam Imp. Miranda of les Câches (26642).
Breeder Fred M. Ingalls, Fond du Lac, Wis.
Owner Ingalls Farm Company, Fond du Lac, Wis.
Born July 8, 1911. *Calved* Sept. 29, 1915. *Served* June 1, 1916.
Requirement for admission: 332.00 lbs. butter fat.

Official year's record: 8630.30 lbs. milk; 389.62 lbs. butter fat.

(Record from Oct. 2, 1915 to Oct. 1, 1916.)
Supervised under one day test by Wisconsin Agricultural Experiment Station.

Year's Record		Milk	Butter Fat	
Oct.,	1915,	1144.10 lbs.	4.40 %	50.34 lbs.
Nov.,	"	1018.50 "	4.40 "	44.81 "
Dec.,	"	890.60 "	3.89 "	34.64 "
Jan.,	1916,	840.30 "	4.50 "	37.81 "
Feb.,	"	719.50 "	4.05 "	29.14 "
Mar.,	"	726.90 "	4.79 "	34.82 "
Apr.,	"	675.80 "	4.12 "	27.84 "
May,	"	722.00 "	5.17 "	37.33 "
June,	"	672.70 "	4.89 "	32.90 "
July,	"	549.40 "	4.47 "	24.56 "
Aug.,	"	385.60 "	5.08 "	19.59 "
Sept.,	"	277.20 "	5.56 "	15.41 "
Oct.,	"	7.70 "	5.56 "	.43 "
Total		8630.30 lbs.	4.51 Av. %	389.62 lbs.

Feed

Oct., 1915. 9 lbs. grain daily of the following mixture: 400 lbs. each bran, corn meal, hominy, ground oats, and gluten, 600 lbs. ground barley, 200 lbs. linseed meal; timothy and alsike hay, sweet corn in pasture.
Nov., 1915. 7 lbs. grain daily of the following mixture: 300 lbs. each bran, corn meal, hominy, ground oats, ground barley, and gluten, 100 lbs. oil meal; corn in pasture to the 20th then ensilage, alfalfa and clover hay.
Dec., 1915. Same grain ration as given in November; ensilage, alsike, red clover, and alfalfa hay.
Jan., 1916. 7 lbs. grain daily of the following mixture: 1000 lbs. bran, 400 lbs. each corn meal and ground oats, 200 lbs. each gluten and oil meal; ensilage, alsike, red clover, and alfalfa hay.
Feb., 1916. 7 lbs. grain daily of the following mixture: 800 lbs. bran, 300 lbs. each corn meal and ground oats, 200 lbs. gluten, 100 lbs. oil meal; ensilage, mixed clover and alfalfa hay.
Mar., 1916. Same ration as given in February.
Apr., 1916. 8 lbs. grain daily of the following mixture: 500 lbs. bran, 100 lbs. each corn meal, hominy, ground oats, and oil meal; ensilage, alfalfa, and clover hay.
May, 1916. 6 lbs. grain daily to the 17th, then 3 lbs., of the following mixture: 400 lbs. bran, 100 lbs. each corn meal, hominy, and oil meal; ensilage to the 15th then pasture, alfalfa and clover hay.
June, 1916. Pasture.
July, 1916. Pasture with 1 lb. grain daily of the following mixture after the 20th: 200 lbs. bran, 100 lbs. each hominy and oil meal.
Aug., 1916. 1 lb. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each hominy, Schumacher Feed, alfalfa meal, and oil meal; pasture.
Sept., 1916. Same grain ration as given in August with 100 lbs. ground oats added to mixture; pasture.
Oct., 1916. Same ration as given in September.

4775 Golden of Ingalls Farm 46038

Sire Main Stay of Grenwode (14808).
Sire Malcolm of Maplehurst 2d (8652).
Dam Ethel Main Stay (16356).
Dam Royal's Golden Horn (26158).
Sire Royal Flush (9411) A. R.
Dam Neva's Starlight (26152).
Breeder Fred M. Ingalls, Fond du Lac, Wis.
Owner Ingalls Farm Company, Fond du Lac, Wis.
Born June 30, 1913. *Calved* Sept. 30, 1915. *Served* Aug. 15, 1916.
Requirement for admission: 260.10 lbs. butter fat.

Official year's record: 6197.70 lbs. milk; 364.23 lbs. butter fat.

(Record from Oct. 5, 1915 to Oct. 4, 1916.)
Supervised under one day test by Wisconsin Agricultural Experiment Station.

Year's Record		Milk	Butter Fat	
Oct.,	1915,	569.00 lbs.	4.80 %	27.31 lbs.
Nov.,	"	618.90 "	5.27 "	32.62 "
Dec.,	"	578.80 "	5.60 "	32.41 "
Jan.,	1916,	528.60 "	6.30 "	33.30 "
Feb.,	"	471.50 "	5.70 "	26.88 "
Mar.,	"	494.70 "	6.20 "	30.67 "
Apr.,	"	453.60 "	5.77 "	26.17 "
May,	"	522.30 "	6.09 "	31.81 "
June,	"	579.50 "	6.52 "	37.78 "
July,	"	518.70 "	5.63 "	29.20 "
Aug.,	"	444.00 "	6.03 "	26.77 "
Sept.,	"	373.90 "	7.01 "	26.21 "
Oct.,	"	44.20 "	7.01 "	3.10 "
Total		6197.70 lbs.	5.88 Av. %	364.23 lbs.

Feed

Oct., 1915. 7 lbs. grain daily of the following mixture: 400 lbs. each bran, corn meal, hominy, ground oats, and gluten, 600 lbs. ground barley, 200 lbs. linseed meal; timothy and alsike clover hay, sweet corn in pasture.
Nov., 1915. 6 lbs. grain of the following mixture: 300 lbs. each bran, corn meal, hominy, ground oats, barley, and gluten, 100 lbs. oil meal; green corn to the 20th then ensilage, alfalfa and clover hay.
Dec., 1915. 6 lbs. grain daily of the following mixture: 300 lbs. each corn meal, hominy, ground oats, ground barley, and gluten, 100 lbs. oil meal; ensilage, alsike, red clover, and alfalfa hay.
Jan., 1916. 5 lbs. grain daily of the following mixture: 1000 lbs. bran, 400 lbs. each corn meal and ground oats, 200 lbs. each gluten and oil meal; ensilage, alsike, red clover, and alfalfa hay.
Feb., 1916. 5 lbs. grain daily of the following mixture: 800 lbs. bran, 300 lbs. each corn meal and ground oats, 200 lbs. gluten, 100 lbs. oil meal; ensilage, mixed clover and alfalfa hay.
Mar., 1916. Same ration as given in February.
Apr., 1916. 5 lbs. grain daily of the following mixture: 500 lbs. bran, 100 lbs. each corn meal, hominy, ground oats, and oil meal; ensilage, alfalfa, and clover hay.
May, 1916. 4 lbs. grain daily to the 17th, then 1 lb., of the following mixture: 400 lbs. bran, 100 lbs. each corn meal, hominy, and oil meal; ensilage to the 15th then pasture, alfalfa and clover hay.
June, 1916. Pasture.
July, 1916. Pasture with 1 lb. grain daily after the 20th of the following mixture: 200 lbs. bran, 100 lbs. each hominy and oil meal.
Aug., 1916. 1 lb. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each hominy, Schumacher Feed, alfalfa meal, and oil meal; pasture.
Sept., 1916. Same grain ration as given in August with 100 lbs. ground oats added to mixture; pasture.
Oct., 1916. Same ration as given in September.

4776 Imp. Altai of Sarnia 40216

Sire On Alderney Prince of Quesnard (R. A. A. S. 72 F. S.).
Sire On Alderney.
Dam On Alderney.
Dam On Alderney Starcher of Quesnard (R. A. A. S. 566 F. S.).
Sire On Alderney.
Dam On Alderney.
Breeder J. Sebire, Island of Alderney.
Owner Ingalls Farm Company, Fond du Lac, Wis.
Born June 10, 1910. *Calved* Oct. 12, 1915. *Served* June 3, 1916.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 8369.80 lbs. milk; 402.44 lbs. butter fat.

(Record from Oct. 17, 1915 to Oct. 16, 1916.)
Supervised under one day test by Wisconsin Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Oct.,	1915,	507.10 lbs.	4.50 %	22.82 lbs.
Nov.,	"	967.00 "	4.80 "	46.42 "
Dec.,	"	880.90 "	4.49 "	39.55 "
Jan.,	1916,	832.40 "	4.35 "	36.21 "
Feb.,	"	730.20 "	4.80 "	35.05 "
Mar.,	"	738.80 "	4.47 "	33.02 "
Apr.,	"	717.70 "	4.68 "	33.59 "
May,	"	771.70 "	5.22 "	40.28 "
June,	"	703.10 "	5.55 "	39.02 "
July,	"	554.90 "	4.63 "	25.69 "
Aug.,	"	457.60 "	4.92 "	22.51 "
Sept.,	"	350.30 "	5.60 "	19.62 "
Oct.,	"	158.10 "	5.48 "	8.66 "
Total		8369.80 lbs.	4.81 Av. %	402.44 lbs.

Feed

Oct., 1915. 9 lbs. grain daily of the following mixture: 400 lbs. each bran, corn meal, hominy, ground oats, and gluten meal, 600 lbs. ground barley, 200 lbs. linseed meal; sweet corn, clover hay, and pasture.
Nov., 1915. 9 lbs. grain daily of the following mixture: 300 lbs. each bran, corn meal, hominy, ground oats, barley, and gluten, 100 lbs. oil meal; green corn to the 20th then ensilage, alfalfa and clover hay.
Dec., 1915. Same grain ration as given in November; ensilage, alsike, red clover, and alfalfa hay.
Jan., 1916. 9 lbs. grain daily of the following mixture: 1000 lbs. bran, 400 lbs. each corn meal and ground oats, 200 lbs. each gluten and oil meal; ensilage, alsike, red clover, and alfalfa hay.
Feb., 1916. 9 lbs. grain daily of the following mixture: 800 lbs. bran, 300 lbs. each corn meal and ground oats, 200 lbs. gluten, 100 lbs. oil meal; ensilage, mixed clover and alfalfa hay.
Mar., 1916. Same ration as given in February.
Apr., 1916. 8 lbs. grain daily of the following mixture: 500 lbs. bran, 100 lbs. each corn meal, hominy, ground oats, and oil meal; ensilage, alfalfa, and clover hay.
May, 1916. 6 lbs. grain daily to the 17th, then 3 lbs., of the following mixture: 400 lbs. bran, 100 lbs. each corn meal, hominy, and oil meal; ensilage to the 15th then pasture, alfalfa and clover hay.
June, 1916. Pasture.
July, 1916. Pasture with 3 lbs. grain daily after the 20th of the following mixture: 200 lbs. bran, 100 lbs. each hominy and oil meal.
Aug., 1916. 3 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each hominy, Schumacher Feed, alfalfa meal, and oil meal; pasture.
Sept., 1916. Same grain ration as given in August with 100 lbs. ground oats added to mixture; pasture.
Oct., 1916. 3 lbs. grain daily of the following mixture: 400 lbs. bran, 100 lbs. each hominy and oil meal, 200 lbs. ground oats; pasture.

4777 Imp. Pearl King's Guernsey Lily 50370

Sire Imp. Raymond's Pearl King (24301) A. R.
Sire Imp. Raymond of the Préel IV. (19235) A. R.
Dam On Guernsey Princess May of the Hunguets IV. (R. G. A. S. 7574 P. S.).
Dam On Guernsey Lily of the Clos Vivier (R. G. A. S. 4612 F. S.).
Sire On Guernsey.
Dam On Guernsey.
Breeder Thomas Lenfestey, Island of Guernsey.
Owner Dairy Division, Bureau of Animal Industry, Beltsville, Md.
Born Apr. 27, 1913. *Calved* Aug. 28, 1915. *Served* Apr. 10, 1916.
Requirement for admission: 263.10 lbs. butter fat.

Official year's record: 7039.10 lbs. milk; 387.51 lbs. butter fat.

Supervised by Dairy Division, United States Department of Agriculture, Washington, D. C.

Year's Record		*Milk*	*Butter Fat*	
Sept.,	1915,	672.70 lbs.	5.36 %	36.06 lbs.
Oct.,	"	745.10 "	4.64 "	34.57 "
Nov.,	"	654.70 "	5.52 "	36.14 "
Dec.,	"	674.90 "	5.35 "	36.11 "
Jan.,	1916,	650.00 "	5.41 "	35.17 "
Feb.,	"	540.10 "	6.60 "	35.65 "
Mar.,	"	416.50 "	5.93 "	24.70 "
Apr.,	"	501.30 "	5.79 "	29.03 "
May,	"	578.80 "	5.49 "	31.78 "
June,	"	560.50 "	5.55 "	31.11 "
July,	"	549.70 "	5.22 "	28.69 "
Aug.,	"	494.80 "	5.76 "	28.50 "
Total		7039.10 lbs.	5.51 Av. %	387.51 lbs.

Feed

Sept., 1915. 154 lbs. grain of the following mixture: 54.8 lbs. each bran and corn meal, 27.4 lbs. cottonseed meal, 17 lbs. oil meal; 51 lbs. beet pulp, 35 lbs. ensilage, 42 lbs. cow pea hay, 84 lbs. alfalfa hay, pasture.
Oct., 1915. 321 lbs. grain of the following mixture: 107 lbs. each bran and corn meal, 53.5 lbs. each cottonseed meal and oil meal; 151.3 lbs. beet pulp, 558 lbs. ensilage, 171.5 lbs. alfalfa hay.
Nov., 1915. 324 lbs. grain of the following mixture: 108 lbs. each bran and corn meal, 54 lbs. each cottonseed meal and oil meal; 147 lbs. beet pulp, 527 lbs. ensilage, 197.5 lbs. alfalfa hay.
Dec., 1915. 334.8 lbs. grain of the following mixture: 111.6 lbs. each bran and corn meal, 55.8 lbs. each cottonseed meal and oil meal; 140 lbs. beet pulp, 620 lbs. ensilage, 209 lbs. alfalfa hay.
Jan., 1916. 340.38 lbs. grain of the following mixture: 113.46 lbs. each bran and corn meal, 56.73 lbs. each cottonseed meal and oil meal; 124 lbs. beet pulp, 620 lbs. ensilage, 217 lbs. alfalfa hay.
Feb., 1916. 268.14 lbs. of the following amounts: 89.38 lbs. each bran and corn meal, 44.69 lbs. each cottonseed meal and oil meal; 116 lbs. beet pulp, 580 lbs. ensilage, 138.5 lbs. alfalfa hay.
Mar., 1916. 138 lbs. grain of the following amounts: 50.6 lbs. bran, 44.5 lbs. corn meal, 20.65 lbs. cottonseed meal, 22.25 lbs. oil meal; 56 lbs. beet pulp, 469 lbs. ensilage, 124.5 lbs. alfalfa hay.
Apr., 1916. 153 lbs. grain of the following amounts: 51 lbs. each bran and corn meal, 25.5 lbs. each cottonseed meal and oil meal; 60 lbs. beet pulp, 600 lbs. ensilage, 162.6 lbs. alfalfa hay.
May, 1916. 186 lbs. grain of the following amounts: 62 lbs. each bran and corn meal, 31 lbs. each cottonseed meal and oil meal; 62 lbs. beet pulp, 505 lbs. ensilage, 68.6 lbs. alfalfa hay, pasture.
June, 1916. 180 lbs. grain of the following amounts: 60 lbs. each bran and corn meal, 30 lbs. each cottonseed meal and oil meal; 60 lbs. beet pulp, 600 lbs. ensilage, 31.4 lbs. alfalfa hay, pasture.
July, 1916. 186 lbs. grain of the following amounts: 62 lbs. each bran and corn meal, 31 lbs. each cottonseed meal and oil meal; 62 lbs. beet pulp, 465 lbs. ensilage, 60.9 lbs. alfalfa hay, pasture.
Aug., 1916. 149.4 lbs. grain of the following amounts: 49.8 lbs. each bran and corn meal, 24.9 lbs. each cottonseed meal and oil meal; 60 lbs. beet pulp, 450 lbs. ensilage, 99.4 lbs. alfalfa hay, pasture.

4778 Imp. Rosette III. of Les Nicolles 50378

Sire Imp. Raymond's Pearl King (24301) A. R.
Sire Imp. Raymond of the Préel IV. (19235) A. R.
Dam On Guernsey Princess May of the Hunguets IV. (R. G. A. S. 7574 P. S.).
Dam On Guernsey Rosette of Les Nicolles (R. G. A. S. 4644 F. S.).
Sire On Guernsey.
Dam On Guernsey.
Breeder Alfred Priaulx, Island of Guernsey.
Owner Dairy Division, Bureau of Animal Industry, Beltsville, Md.
Born June 2, 1913. *Calved* Sept. 25, 1915. *Served* May 10, 1916.
Requirement for admission: 262.50 lbs. butter fat.

Official year's record: 5685.80 lbs. milk; 312.56 lbs. butter fat.

Supervised by Dairy Division, United States Department of Agriculture, Washington, D. C.

Year's Record		*Milk*	*Butter Fat*	
Oct.,	1915,	693.10 lbs.	4.59 %	31.81 lbs.
Nov.,	"	625.80 "	4.69 "	29.35 "
Dec.,	"	580.80 "	5.39 "	31.31 "
Jan.,	1916,	556.00 "	5.30 "	29.47 "
Feb.,	"	471.50 "	6.00 "	28.29 "
Mar.,	"	430.00 "	6.92 "	29.76 "
Apr.,	"	415.00 "	5.75 "	23.86 "
May,	"	438.10 "	5.60 "	24.53 "
June,	"	414.80 "	5.69 "	23.60 "
July,	"	421.60 "	5.55 "	23.40 "
Aug.,	"	394.90 "	5.71 "	22.55 "
Sept.,	"	244.20 "	5.99 "	14.63 "
Total		5685.80 lbs.	5.50 Av. %	312.56 lbs.

Feed

Oct., 1915. 246.8 lbs. grain of the following amounts: 82.6 lbs. each bran and cottonseed meal, 41.3 lbs. cottonseed meal, 40.3 lbs. oil meal; 136 lbs. beet pulp, 577 lbs. ensilage, 170.5 lbs. alfalfa hay, pasture one day.
Nov., 1915. 282 lbs. grain of the following amounts: 94 lbs. each bran and corn meal, 47 lbs. each cottonseed meal and oil meal; 150 lbs. beet pulp, 596 lbs. ensilage, 202 lbs. alfalfa hay.
Dec., 1915. 297.6 lbs. grain of the following amounts: 99.2 lbs. each bran and corn meal, 49.6 lbs. each cottonseed meal and oil meal; 140 lbs. beet pulp, 620 lbs. ensilage, 214 lbs. alfalfa hay.
Jan., 1916. 325.5 lbs. grain of the following amounts: 108.5 lbs. each bran and corn meal, 54.25 lbs. each cottonseed meal and oil meal; 124 lbs. beet pulp, 620 lbs. ensilage, 217 lbs. alfalfa hay.
Feb., 1916. 288 lbs. grain of the following amounts: 96 lbs. each bran and corn meal, 48 lbs. each cottonseed meal and oil meal; 116 lbs. beet pulp, 580 lbs. ensilage, 141.6 lbs. alfalfa hay.
Mar., 1916. 168.3 lbs. grain of the following amounts: 56.1 lbs. each bran and corn meal, 28.05 lbs. each cottonseed meal and oil meal; 80 lbs. beet pulp, 567 lbs. ensilage, 184.4 lbs. alfalfa hay.
Apr., 1916. 153 lbs. grain of the following amounts: 51 lbs. each bran and corn meal, 25.5 lbs. each cottonseed meal and oil meal; 60 lbs. beet pulp, 600 lbs. ensilage, 192 lbs. alfalfa hay.
May, 1916. 154.38 lbs. grain of the following amounts: 51.46 lbs. each bran and corn meal, 25.73 lbs. each cottonseed meal and oil meal; 62 lbs. beet pulp, 495 lbs. ensilage, 80.6 lbs. alfalfa hay, pasture 126 hours.
June, 1916. 149.4 lbs. grain of the following amounts: 49.8 lbs. each bran and corn meal, 24.9 lbs. each cottonseed meal and oil meal; 60 lbs. beet pulp, 600 lbs. ensilage, 39.2 lbs. alfalfa hay, pasture.
July, 1916. Same grain ration as given in May; 62 lbs. beet pulp, 465 lbs. ensilage, 66.9 lbs. alfalfa hay, pasture.
Aug., 1916. Same grain ration as given in May; 62 lbs. beet pulp, 465 lbs. ensilage, 104.8 lbs. alfalfa hay, pasture.
Sept., 1916. Same grain ration as given in May; 60 lbs. beet pulp, 600 lbs. ensilage, 107.8 lbs. alfalfa hay, pasture.

4779 Imp. Susan of the Isle 50348

Sire Imp. Flora's Sequel of Vimiera (25905) A. R.
Sire On Guernsey St. John (R. G. A. S. 2063 P. S.) A. R.
Dam Imp. Flora of Vimiera (45954).
Dam On Guernsey Susan II. (R. G. A. S. 4087 F. S.).
Sire On Guernsey.
Dam On Guernsey Susan (R. G. A. S. 3800 F. S.).
Breeder James L. Hocart, Island of Guernsey.
Owner Dairy Division, Bureau of Animal Industry, Beltsville, Md.
Born Jan. 10, 1913. *Calved* Sept. 11, 1915. *Served* June 4, 1916.
Requirement for admission: 275.40 lbs. butter fat.

Official year's record: 7194.40 lbs. milk; 347.36 lbs. butter fat.

(Record from Sept. 17, 1915 to Sept. 16, 1916.)
Supervised by Dairy Division, United States Department of Agriculture, Washington, D. C.

Year's Record		*Milk*	*Butter Fat*	
Sept.,	1915,	295.90 lbs.	4.57 %	13.52 lbs.
Oct.,	"	779.20 "	3.92 "	30.54 "
Nov.,	"	718.30 "	4.57 "	32.83 "
Dec.,	"	708.70 "	4.88 "	34.58 "
Jan.,	1916,	684.40 "	4.91 "	33.60 "
Feb.,	"	609.70 "	5.17 "	31.52 "
Mar.,	"	584.40 "	5.29 "	30.91 "
Apr.,	"	563.30 "	4.89 "	27.55 "
May,	"	590.70 "	5.12 "	30.24 "
June,	"	519.80 "	4.91 "	25.52 "
July,	"	520.40 "	4.77 "	24.82 "
Aug.,	"	417.30 "	5.04 "	21.03 "
Sept.,	"	202.30 "	5.29 "	10.70 "
Total		7194.40 lbs.	4.83 Av. %	347.36 lbs.

Feed

Sept., 1915. 60.4 lbs. grain of the following amounts: 20.8 lbs. each bran and corn meal, 10.4 lbs. cottonseed meal, 8.4 lbs. oil meal; 25.2 lbs. beet pulp, 54 lbs. alfalfa hay, pasture.
Oct., 1915. 283.8 lbs. grain of the following amounts: 94.6 lbs. each bran and corn meal, 47.3 lbs. each cottonseed meal and oil meal; 146.5 lbs. beet pulp, 588 lbs. ensilage, 165 lbs. alfalfa hay, pasture one day.
Nov., 1915. 300.6 lbs. grain of the following amounts: 100.2 lbs. each bran and corn meal, 50.1 lbs. each cottonseed meal and oil meal; 149 lbs. beet pulp, 585 lbs. ensilage, 185 lbs. alfalfa hay.
Dec., 1915. 316.2 lbs. grain of the following amounts: 105.4 lbs. each bran and corn meal, 52.7 lbs. each cottonseed meal and oil meal; 140 lbs. beet pulp, 620 lbs. ensilage, 209 lbs. alfalfa hay.
Jan., 1916. Same grain ration as given in December; 124 lbs. beet pulp, 620 lbs. ensilage, 217 lbs. alfalfa hay.
Feb., 1916. 281.4 lbs. grain of the following amounts: 93.8 lbs. each bran and corn meal, 46.9 lbs. each cottonseed meal and oil meal; 116 lbs. beet pulp, 580 lbs. ensilage, 139.2 lbs. alfalfa hay.
Mar., 1916. 200.4 lbs. grain of the following amounts: 66.8 lbs. each bran and corn meal, 33.4 lbs. each cottonseed meal and oil meal; 86 lbs. beet pulp, 620 lbs. ensilage, 156 lbs. alfalfa hay.
Apr., 1916. 180 lbs. grain of the following amounts: 60 lbs. each bran and corn meal, 30 lbs. each cottonseed meal and oil meal; 60 lbs. beet pulp, 600 lbs. ensilage, 168.6 lbs. alfalfa hay.
May, 1916. 186 lbs. grain of the following amounts: 62 lbs. each bran and corn meal, 31 lbs. each cottonseed meal and oil meal; 62 lbs. beet pulp, 505 lbs. ensilage, 81.4 lbs. alfalfa hay, 126 hours pasture.
June, 1916. 180 lbs. grain of the following amounts: 60 lbs. each bran and corn meal, 30 lbs. each cottonseed meal and oil meal; 60 lbs. beet pulp, 600 lbs. ensilage, 43.5 lbs. alfalfa hay, pasture.
July, 1916. 186 lbs. grain of the following amounts: 62 lbs. each bran and corn meal, 31 lbs. each cottonseed meal and oil meal; 62 lbs. beet pulp, 465 lbs. ensilage, 62.1 lbs. alfalfa hay, pasture.
Aug., 1916. Same grain ration as given in July; 62 lbs. beet pulp, 465 lbs. ensilage, 107.7 lbs. alfalfa hay, pasture.
Sept., 1916. 96 lbs. grain of the following amounts: 32 lbs. each bran and corn meal, 16 lbs. each cottonseed meal and oil meal; 32 lbs. beet pulp, 320 lbs. ensilage, 50.1 lbs. alfalfa hay, pasture.

4780 **Dorothy France 47296**

Sire Imp. Prince Billy of Rich Neck (17799).
Sire Imp. Billy's France of the Isle (21183) A. R.
Dam Imp. Froome's Queen (28706) A. R. 1421.
Dam Dorothy Dix of Hillside (24987).
Sire Eureka of Hillside (10691).
Dam Lovey Mary of Hillside 2d (20739).
Breeder Dairy Division, Bureau of Animal Industry, Beltsville, Md.
Owner Dairy Division, Bureau of Animal Industry, Beltsville, Md.
Born June 12, 1913. *Calved* Aug. 14, 1915. *Served* April 15, 1916.
Requirement for admission: 257.30 lbs. butter fat.

Official year's record: 7989.70 lbs. milk; 413.96 lbs. butter fat.

(Record from Aug. 20, 1915 to Aug. 19, 1916.)
Supervised by Dairy Division, United States Department of Agriculture, Washington, D. C.

Year's Record		*Milk*	*Butter Fat*	
Aug.,	1915,	264.60 lbs.	4.60 %	12.17 lbs.
Sept.,	"	649.30 "	4.60 "	29.87 "
Oct.,	"	738.10 "	4.74 "	34.99 "
Nov.,	"	693.30 "	5.06 "	35.08 "
Dec.,	"	732.40 "	5.08 "	37.21 "
Jan.,	1916,	715.00 "	5.16 "	36.89 "
Feb.,	"	655.20 "	5.47 "	35.84 "
Mar.,	"	646.20 "	5.57 "	35.99 "
Apr.,	"	623.00 "	5.30 "	33.02 "
May,	"	682.00 "	5.29 "	36.08 "
June,	"	640.40 "	5.48 "	35.09 "
July,	"	658.50 "	5.33 "	35.10 "
Aug.,	"	291.70 "	5.70 "	16.63 "
Total		7989.70 lbs.	5.18 Av. %	413.96 lbs.

Feed

Aug., 1915. 56 lbs. grain of the following amounts: 22.4 lbs. each bran and corn meal, 11.2 lbs. cottonseed meal; 115 lbs. ensilage, 48 lbs. alfalfa hay, pasture.
Sept., 1915. 155.35 lbs. grain of the following amounts: 53.9 lbs. each bran and corn meal, 26.95 lbs. cottonseed meal, 20.6 lbs. oil meal; 49.65 lbs. beet pulp, 35 lbs. ensilage, 42 lbs. cow pea hay, 100 lbs. alfalfa hay, 32 lbs. green corn, pasture.
Oct., 1915. 285 lbs. grain of the following amounts: 95 lbs. each bran and corn meal, 47.5 lbs. each cottonseed meal and oil meal; 147.1 lbs. beet pulp, 606 lbs. ensilage, 190 lbs. alfalfa hay, pasture one day.
Nov., 1915. 288 lbs. grain of the following amounts: 96 lbs. each bran and corn meal, 48 lbs. each cottonseed meal and oil meal; 149 lbs. beet pulp, 600 lbs. ensilage, 223.5 lbs. alfalfa hay.
Dec., 1915. Same grain ration as given in November; 140 lbs. beet pulp, 620 lbs. ensilage, 209 lbs. alfalfa hay.
Jan., 1916. 325.5 lbs. grain of the following amounts: 108.5 lbs. each bran and corn meal, 54.25 lbs. each cottonseed meal and oil meal; 124 lbs. beet pulp, 620 lbs. ensilage, 217 lbs. alfalfa hay.
Feb., 1916. 301.2 lbs. grain of the following amounts: 100.4 lbs. each bran and corn meal, 50.2 lbs. each cottonseed meal and oil meal; 116 lbs. beet pulp, 580 lbs. ensilage, 176 lbs. alfalfa hay.
Mar., 1916. 229.52 lbs. grain of the following amounts: 76.57 lbs. each bran and corn meal, 38.19 lbs. each cottonseed meal and oil meal; 86 lbs. beet pulp, 715 lbs. ensilage, 245.4 lbs. alfalfa hay.
Apr., 1916. 207 lbs. grain of the following amounts: 69 lbs. each bran and corn meal, 34.5 lbs. each cottonseed meal and oil meal; 60 lbs. beet pulp, 750 lbs. ensilage, 264 lbs. alfalfa hay.
May, 1916. 217.62 lbs. grain of the following amounts: 72.54 lbs. each bran and corn meal, 36.27 lbs. each cottonseed meal and oil meal; 62 lbs. beet pulp, 655 lbs. ensilage, 137.1 lbs. alfalfa hay, 126 hours pasture.
June, 1916. 208.8 lbs. grain of the following amounts: 69.6 lbs. each bran and corn meal, 34.8 lbs. each cottonseed meal and oil meal; 60 lbs. beet pulp, 600 lbs. ensilage, 68.8 lbs. alfalfa hay, pasture.
July, 1916. Same grain ration as given in May; 62 lbs. beet pulp, 620 lbs. ensilage, 51.3 lbs. alfalfa hay, pasture.
Aug., 1916. 133:38 lbs. grain of the following amounts: 44.46 lbs. each bran and corn meal, 22.23 lbs. each cottonseed meal and oil meal; 38 lbs. beet pulp, 380 lbs. ensilage, 63.5 lbs. alfalfa hay, pasture.

4781 **Esther of Maple Hill 41230**

Sire May King's Vrangue of Ingleside (15430) A. R.
Sire May King of Ingleside (12558) A. R.
Dam Linden's Young Polly Vrangue (18630) A. R. 551.
Dam Esther's Chloe of Norwood (25195) A. R. 2795.
Sire Imp. Spotswood's Rival (8346) A. R.
Dam Esther of Poplar Grove (12558).
Breeder Fruit Brothers, Waukesha, Wis.
Owner Fruit Brothers, Waukesha, Wis.
Sold Jan. 4, 1916 to George W. Browne, Waukesha, Wis.
Born Jan. 13, 1912. *Calved* Oct. 2, 1915. *Served* May 2, 1916.
Requirement for admission: 313.50 lbs. butter fat.

Official year's record: 9999.10 lbs. milk; 523.30 lbs. butter fat.

(Record from Oct. 6, 1915 to Oct. 5, 1916.)
Supervised by Wisconsin Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Oct.,	1915,	941.60 lbs.	4.18 %	39.36 lbs.
Nov.,	"	1047.50 "	4.39 "	45.99 "
Dec.,	"	1005.70 "	5.30 "	53.30 "
Jan.,	1916,	807.00 "	5.17 "	41.72 "
Feb.,	"	710.70 "	5.90 "	41.93 "
Mar.,	"	855.80 "	5.19 "	44.42 "
Apr.,	"	854.40 "	5.46 "	46.65 "
May,	"	877.90 "	5.28 "	46.35 "
June,	"	768.80 "	5.49 "	42.21 "
July,	"	718.80 "	5.53 "	39.75 "
Aug.,	"	698.30 "	5.29 "	36.94 "
Sept.,	"	614.00 "	6.27 "	38.50 "
Oct.,	"	98.60 "	6.27 "	6.18 "
Total		9999.10 lbs.	5.23 Av. %	523.30 lbs.

Feed

Oct., 1915. 8 lbs. grain daily of the following mixture: 1.5 lbs. each bran and corn meal, 2.5 lbs. ground oats, 2 lbs. Ajax Flakes, .5 lb. oil meal; 15 lbs. roots, 12 lbs. ensilage, alfalfa hay.
Nov., 1915. 10 to 12 lbs. grain daily of the following mixture: 1 part each bran, ground oats, and Ajax Flakes, .25 part corn meal, .5 part oil meal; 2 lbs. beet pulp, 20 lbs. each roots and ensilage, alfalfa hay.
Dec., 1915. 10.5 lbs. grain daily of the following mixture: 1 part each bran and oil meal, 1.25 parts each ground oats and Ajax Flakes, .5 part gluten, .25 part corn; 24 lbs. roots, 20 lbs. ensilage, alfalfa hay.
Jan., 1916. 10.5 lbs. grain daily of the following mixture: 50 lbs. bran, 60 lbs. corn meal, 150 lbs. ground oats, 160 lbs. Ajax Flakes, 100 lbs. gluten, 40 lbs. oil meal; 20 lbs. each roots and ensilage, alfalfa hay.
Feb., 1916. 8 lbs. grain daily of the following mixture: 100 lbs. bran, 120 lbs. ground oats, 160 lbs. Ajax Flakes, 60 lbs. oil meal; 20 lbs. each roots and ensilage, 8 lbs. alfalfa hay.
Mar., 1916. Same ration as given in February.
Apr., 1916. 10.8 lbs. grain daily of the following mixture: 2 lbs. bran, 3 lbs. ground oats, 4 lbs. Ajax Flakes, 1.8 lbs. oil meal; 2 lbs. beet pulp, 20 lbs. roots, 16 lbs. ensilage, 10 lbs. alfalfa hay.
May, 1916. 10.5 lbs. grain daily of the following mixture: 1.5 lbs. each bran and oil meal, 3 lbs. ground oats, 4.5 lbs. Ajax Flakes; 2 lbs. beet pulp, 20 lbs. ensilage, 12 lbs. roots to the 15th then green alfalfa.
June, 1916. 9 lbs. grain daily of the following mixture: 100 lbs. each bran, ground oats, and Ajax Flakes, 50 lbs. oil meal; 3 lbs. beet pulp, 16 lbs. ensilage, alfalfa hay.
July, 1916. 9 lbs. grain daily of the following mixture: 1 lb. bran, 3 lbs. ground oats, 3.5 lbs. Eagle D. D. D. Grains, 1.5 lbs. oil meal; 3 lbs. beet pulp, 10 lbs. alfalfa hay.
Aug., 1916. Same ration as given in July with 6 lbs. roots added daily.
Sept., 1916. 13 lbs. grain daily of the following mixture: 2 lbs. each bran and ground oats, 5 lbs. hominy, 3 lbs. D. D. D. Grains, 1 lb. oil meal; 3 lbs. beet pulp, 10 lbs. roots, 8 lbs. alfalfa hay.
Oct., 1916. Same ration as given in September.

4782 **Lizette of Butternut Hill 44378**

Sire Jim of Edgewater (16384).
Sire Imp. Holden IV. (12179) A. R.
Dam Imp. La Grande VII. du Bas Sejour (22707) A. R. 923.
Dam Imp. Lizette III. of the Hall (28263).
Sire On Guernsey Sir Marcus (R. G. A. S. 1816 P. S.) A. R.
Dam On Guernsey Lizette of Valnord (R. G. A. S. 6248 P. S.).
Breeder John Ebels, Holland, Mich.
Owner John Ebels, Holland, Mich.
Born Feb. 27, 1913. *Calved* Sept. 10, 1915. *Served* Dec. 28, 1915.
Requirement for admission: 270.40 lbs. butter fat.

Official year's record: 7268.90 lbs. milk; 340.10 lbs. butter fat.

(Record from Sept. 15, 1915 to Sept. 14, 1916.)
Supervised under one day test by Michigan Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Sept.,	1915,	356.20 lbs.	4.37 %	15.57 lbs.
Oct.,	"	729.50 "	3.68 "	26.85 "
Nov.,	"	672.40 "	4.63 "	31.13 "
Dec.,	"	674.70 "	4.53 "	30.56 "
Jan.,	1916,	632.70 "	4.70 "	29.74 "
Feb.,	"	577.30 "	4.50 "	25.98 "
Mar.,	"	586.10 "	4.94 "	28.95 "
Apr.,	"	531.20 "	4.65 "	24.70 "
May,	"	596.20 "	5.05 "	30.11 "
June,	"	642.90 "	4.86 "	31.24 "
July,	"	632.20 "	4.92 "	31.10 "
Aug.,	"	511.00 "	5.24 "	26.78 "
Sept.,	"	126.50 "	5.84 "	7.39 "
Total		7268.90 lbs.	4.68 Av. %	340.10 lbs.

Feed

Sept., 1915. 5 lbs. grain daily of 2.5 lbs. each corn meal and ground oats; pasture.
Oct., 1915. 6.5 lbs. grain daily of 4 lbs. ground oats and 2.5 lbs. oil meal; pasture.
Nov., 1915. Same grain ration as given in October; corn stalks.
Dec., 1915. 15 lbs. grain daily of 6 lbs. ear corn and 9 lbs. Larro-Feed; corn stalks.
Jan., 1916. 10 lbs. Larro-Feed daily; corn stalks with 25 lbs. ensilage after the 15th.
Feb., 1916. 10 lbs. Larro-Feed daily; 30 lbs. ensilage, 5 lbs. each corn stover and oat straw.
Mar., 1916. 10 lbs. Larro-Feed daily; 30 lbs. ensilage, 7 lbs. hay.
Apr., 1916. 10 lbs. Larro-Feed daily; 30 lbs. ensilage and 7 lbs. clover hay to the 20th, then 23 lbs. clover hay.
May, 1916. 10 lbs. Larro-Feed daily; 24 lbs. alfalfa hay to the 20th, then pasture.
June, 1916. 10 lbs. Larro-Feed daily; pasture.
July, 1916. 15 lbs. grain daily of 5 lbs. ground oats and 10 lbs. Larro-Feed; pasture.
Aug., 1916. Same ration as given in June.
Sept., 1916. 10 lbs. Larro-Feed daily; 24 lbs. hay, pasture.

4783 **Model May 37693**

Sire Robin of Richmond L. E. S. (14802) A. R.
Sire Lily Ella's Squire (6597) A. R.
Dam Robin of Richmond (15730) A. R. 302.
Dam Model Princess (22887).
Sire Salem's King (5362) A. R.
Dam Model Countess (18770) A. R. 748.
Breeder Otis A. Marken, Valders, Wis.
Owner Otis A. Marken, Valders, Wis.
Born May 25, 1911. *Calved* Oct. 9, 1915. *Served* May 16, 1916.
Requirement for admission: 337.50 lbs. butter fat.

Official year's record: 11310.80 lbs. milk; 541.34 lbs. butter fat.

(Record from Oct. 13, 1915 to Oct. 12, 1916.)
Supervised by Wisconsin Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Oct.,	1915,	671.00 lbs.	5.00 %	33.55 lbs.
Nov.,	"	1180.50 "	4.59 "	54.18 "
Dec.,	"	1192.40 "	4.70 "	56.04 "
Jan.,	1916,	1175.90 "	4.24 "	49.86 "
Feb.,	"	1058.30 "	4.36 "	46.14 "
Mar.,	"	1077.90 "	4.68 "	50.45 "
Apr.,	"	961.10 "	4.61 "	44.31 "
May,	"	951.20 "	4.57 "	43.47 "
June,	"	819.60 "	5.00 "	40.98 "
July,	"	739.20 "	4.75 "	35.11 "
Aug.,	"	718.80 "	5.37 "	38.60 "
Sept.,	"	579.50 "	6.36 "	36.86 "
Oct.,	"	185.40 "	6.36 "	11.79 "
Total		11310.80 lbs.	4.79 Av. %	541.34 lbs.

Feed

Oct., 1915. 8 lbs. grain daily of the following mixture: 2 lbs. each ground oats, ground barley, Schumacher Feed, and gluten; 25 lbs. ensilage, 6 lbs. alfalfa hay, pasture.
Nov., 1915. 10 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, and ground oats, 75 lbs. gluten, 50 lbs. oil meal; 30 lbs. ensilage, 6 lbs. alfalfa hay.
Dec., 1915. 10 lbs. grain daily from the 1st to the 15th of the following mixture: 150 lbs. bran, 100 lbs. each corn meal, ground oats, gluten, and oil meal, then of 150 lbs. bran, 50 lbs. each corn meal, hominy, gluten, and oil meal, 125 lbs. each ground oats and Ajax Flakes; 30 lbs. ensilage, 8 lbs. alfalfa hay.
Jan., 1916. 12 lbs. grain daily of the following mixture with 3 lbs. corn meal added from the 13th to the 31st: 100 lbs. each bran and hominy, 125 lbs. each ground oats and Ajax Flakes, 50 lbs. oil meal; 30 lbs. ensilage and 8 lbs. alfalfa hay.
Feb., 1916. 15 lbs. grain daily, 12 lbs. of the following mixture with 3 lbs corn meal added: 100 lbs. each bran and hominy, 125 lbs. each ground oats and Ajax Flakes, 50 lbs. oil meal; 30 lbs. ensilage, 8 lbs. alfalfa hay.
Mar., 1916. 12 lbs. grain daily of the following mixture: 100 lbs. each bran and corn meal, 125 lbs. each ground oats and Ajax Flakes, 50 lbs. oil meal; 25 lbs. ensilage, 8 lbs alfalfa hay.
Apr., 1916. 12 lbs. grain daily of the following mixture: 100 lbs. each bran and corn meal, 75 lbs. ground oats, 125 lbs. Ajax Flakes, 50 lbs. oil meal; 30 lbs. ensilage, 10 lbs. alfalfa hay.
May, 1916. 9 lbs. grain daily of the following mixture from the 1st to the 23d: 100 lbs. bran, 75 lbs. ground oats, 40 lbs. oil meal; 30 lbs. ensilage and 8 lbs. alfalfa hay to the 23d then pasture.
June, 1916. Pasture.
July, 1916. 6 lbs. grain daily of 5 lbs. bran, 1 lb. oil meal; pasture.
Aug., 1916. 5 lbs. grain daily of the following mixture: 100 lbs. bran, 50 lbs. gluten, 15 lbs. oil meal; pasture.
Sept., 1916. Same grain ration as given in August; corn fodder and pasture.
Oct., 1916. Same ration as given in September.

4784 **Lovelady's Buttercup 41001**

Sire Robin of Richmond L. E. S. (14802) A. R.
Sire Lily Ella's Squire (6597) A. R.
Dam Robin of Richmond (15730) A. R. 302.
Dam Lovelady (23946).
Sire Radium (9193) A. R.
Dam Expectation (17635) A. R. 979.
Breeder Otis A. Marken, Valders, Wis.
Owner Otis A. Marken, Valders, Wis.
Born Apr. 13, 1912. *Calved* Oct. 1, 1915. *Served* June 3, 1916.
Requirement for admission: 304.50 lbs. butter fat.

Official year's record: 7616.10 lbs. milk; 434.16 lbs. butter fat.

(Record from Oct. 6, 1915 to Oct. 5, 1916.)
Supervised by Wisconsin Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Oct.,	1915,	750.70 lbs.	4.98 %	37.38 lbs.
Nov.,	"	857.20 "	5.12 "	43.89 "
Dec.,	"	806.80 "	5.62 "	45.34 "
Jan.,	1916,	785.00 "	5.74 "	45.06 "
Feb.,	"	701.50 "	5.55 "	38.93 "
Mar.,	"	695.10 "	5.82 "	40.45 "
Apr.,	"	614.10 "	6.17 "	37.89 "
May,	"	600.80 "	5.65 "	33.95 "
June,	"	493.20 "	5.87 "	28.95 "
July,	"	455.70 "	5.73 "	26.11 "
Aug.,	"	442.70 "	6.48 "	28.69 "
Sept.,	"	357.10 "	6.66 "	23.78 "
Oct.,	"	56.20 "	6.66 "	3.74 "
Total		7616.10 lbs.	5.70 Av. %	434.16 lbs.

Feed

Oct., 1915. 8 lbs. grain daily of the following mixture: 2 lbs. each ground oats, ground barley, Schumacher Feed, and gluten; 25 lbs. ensilage, 6 lbs. alfalfa hay, pasture.
Nov., 1915. 8 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, and ground oats, 75 lbs. gluten, 50 lbs. oil meal; 30 lbs. ensilage, 6 lbs. alfalfa hay.
Dec., 1915. 9 lbs. grain daily from the 1st to the 15th of the following mixture: 150 lbs. bran, 100 lbs. each corn meal, ground oats, gluten, and oil meal, then of 150 lbs. bran, 50 lbs. each corn meal, hominy, gluten, and oil meal, 125 lbs. each ground oats and Ajax Flakes; 30 lbs. ensilage, 8 lbs. alfalfa hay.
Jan., 1916. 9 lbs. grain daily of the following mixture with 3 lbs. corn meal added from the 13th to the 31st: 100 lbs. each bran and hominy, 125 lbs. each ground oats and Ajax Flakes, 50 lbs. oil meal; 30 lbs. ensilage and 8 lbs. alfalfa hay.
Feb., 1916. 9 lbs. grain daily of the following mixture: 100 lbs. each bran and hominy, 125 lbs. each ground oats and Ajax Flakes, 50 lbs. oil meal; 30 lbs. ensilage, 8 lbs. hay.
Mar., 1916. 10 lbs. grain daily of the following mixture: 100 lbs. each bran and corn meal, 125 lbs. each ground oats and Ajax Flakes, 50 lbs. oil meal; 25 lbs. ensilage, 8 lbs. alfalfa hay.
Apr., 1916. 10 lbs. grain daily of the following mixture: 100 lbs. each bran and corn meal, 75 lbs. ground oats, 125 lbs. Ajax Flakes, 50 lbs. oil meal; 30 lbs. ensilage, 10 lbs. alfalfa hay.
May, 1916. 9 lbs. grain daily of the following mixture from the 1st to the 22d: 100 lbs. bran, 75 lbs. ground oats, 40 lbs. oil meal; 30 lbs. ensilage and 8 lbs. alfalfa hay to the 22d then pasture.
June, 1916. Pasture.
July, 1916. 6 lbs. grain daily of 5 lbs. bran, 1 lb. oil meal; pasture.
Aug., 1916. 5 lbs. grain daily of the following mixture: 100 lbs. bran, 50 lbs. gluten, 15 lbs. oil meal; pasture.
Sept., 1916. Same grain ration as given in August; corn fodder and pasture.
Oct., 1916. Same grain ration as given in August; corn fodder and pasture.

4785 **Robinette of Clover Lea 49177**

Sire Robin of Richmond L. E. S. (14802) A. R.
Sire Lily Ella's Squire (6597) A. R.
Dam Robin of Richmond (15730) A. R. 302.
Dam Model Princess (22887).
Sire Salem's King (5362) A. R.
Dam Model Countess (18770) A. R. 748.
Breeder Otis A. Marken, Valders, Wis.
Owner Otis A. Marken, Valders, Wis.
Born Aug. 19, 1913. *Calved* Oct. 4, 1915. *Served* June 13, 1916.
Requirement for admission: 255.80 lbs. butter fat.

Official year's record: 9156.10 lbs. milk; 445.97 lbs. butter fat.

(Record from Oct. 12, 1915 to Oct. 11, 1916.)
Supervised by Wisconsin Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Oct.,	1915,	560.50 lbs.	3.96 %	22.20 lbs.
Nov.,	"	964.20 "	4.39 "	42.33 "
Dec.,	"	965.50 "	4.60 "	44.41 "
Jan.,	1916,	972.50 "	4.85 "	47.17 "
Feb.,	"	893.20 "	4.83 "	43.14 "
Mar.,	"	897.50 "	4.85 "	43.53 "
Apr.,	"	787.60 "	5.05 "	39.77 "
May,	"	732.90 "	4.89 "	35.84 "
June,	"	598.80 "	5.24 "	31.38 "
July,	"	570.10 "	5.12 "	29.19 "
Aug.,	"	599.80 "	5.26 "	31.55 "
Sept.,	"	464.60 "	5.78 "	26.85 "
Oct.,	"	148.90 "	5.78 "	8.61 "
Total		9156.10 lbs.	4.87 Av. %	445.97 lbs.

Feed

Oct., 1915. 6 lbs. grain daily of the following mixture: 1.5 lbs. each ground oats, ground barley, Schumacher Feed, and gluten; 25 lbs. ensilage, 6 lbs. alfalfa hay, pasture.
Nov., 1915. 8 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, and ground oats, 75 lbs. gluten, 50 lbs. oil meal; 25 lbs. ensilage, 6 lbs. alfalfa hay.
Dec., 1915. 9 lbs. grain daily from the 1st to the 15th of the following mixture: 150 lbs. bran, 100 lbs. each corn meal, ground oats, gluten, and oil meal; then of 150 lbs. bran, 50 lbs. each corn meal, hominy, gluten, and oil meal, 125 lbs. each ground oats and Ajax Flakes; 30 lbs. ensilage, 8 lbs. alfalfa hay.
Jan., 1916. 10 lbs. grain daily of the following mixture with 3 lbs. corn meal added from the 13th to the 31st: 100 lbs. each bran and hominy, 125 lbs. each ground oats and Ajax Flakes, 50 lbs. oil meal; 30 lbs. ensilage and 8 lbs. alfalfa hay.
Feb., 1916. 13 lbs. grain daily, 10 lbs. of the following mixture with 3 lbs. corn meal added: 100 lbs. each bran and hominy, 125 lbs. each ground oats and Ajax Flakes, 50 lbs. oil meal; 30 lbs. ensilage, 8 lbs. hay.
Mar., 1916. 10 lbs. grain daily of the following mixture: 100 lbs. each bran and corn meal, 125 lbs. each ground oats and Ajax Flakes, 50 lbs. oil meal; 25 lbs. ensilage, 8 lbs. alfalfa hay.
Apr., 1916. 10 lbs. grain daily of the following mixture: 100 lbs. each bran and corn meal, 75 lbs. ground oats, 125 lbs. Ajax Flakes, 50 lbs. oil meal; 30 lbs. ensilage, 10 lbs. alfalfa hay.
May, 1916. 9 lbs. grain daily of the following mixture from the 1st to the 22d: 100 lbs. bran, 75 lbs. ground oats, 40 lbs. oil meal; 30 lbs. ensilage and 8 lbs. alfalfa hay to the 22d then pasture.
June, 1916. Pasture.
July, 1916. 6 lbs. grain daily of 5 lbs. bran, 1 lb. oil meal; pasture.
Aug., 1916. 5 lbs. grain daily of the following mixture: 100 lbs. bran, 50 lbs. gluten, 15 lbs. oil meal; pasture.
Sept., 1916. Same grain ration as given in August; corn fodder and pasture.
Oct., 1916. Same ration as given in September.

4786 **Lady Alice of Clover Lea 49178**

Sire Robin of Richmond L. E. S. (14802) A. R.
Sire Lily Ella's Squire (6597) A. R.
Dam Robin of Richmond (15730) A. R. 302.
Dam Lovelady (23946).
Sire Radium (9193) A. R.
Dam Expectation (17635) A. R. 979.
Breeder Otis A. Marken, Valders, Wis.
Owner Otis A. Marken, Valders, Wis.
Born Aug. 29, 1913. *Calved* Oct. 14, 1915. *Served* May 5, 1916.
Requirement for admission: 256.80 lbs. butter fat.

Official year's record: 7278.10 lbs. milk; 384.90 lbs. butter fat.

Supervised by Wisconsin Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Nov.,	1915,	911.50 lbs.	5.32 %	48.49 lbs.
Dec.,	"	863.80 "	4.76 "	41.12 "
Jan.,	1916,	803.20 "	5.30 "	42.57 "
Feb.,	"	710.20 "	5.32 "	37.78 "
Mar.,	"	685.90 "	5.22 "	35.80 "
Apr.,	"	571.70 "	5.26 "	30.07 "
May,	"	565.00 "	5.03 "	28.47 "
June,	"	527.00 "	5.17 "	27.25 "
July,	"	479.00 "	5.06 "	24.24 "
Aug.,	"	459.00 "	5.48 "	25.15 "
Sept.,	"	380.00 "	6.04 "	22.95 "
Oct.,	"	321.80 "	6.53 "	21.01 "
Total		7278.10 lbs.	5.29 Av. %	384.90 lbs.

Feed

Nov., 1915. 8 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, and ground oats, 75 lbs. gluten, 50 lbs. oil meal; 25 lbs. ensilage, 6 lbs. alfalfa hay.
Dec., 1915. 9 lbs. grain daily from the 1st to the 15th of the following mixture: 150 lbs. bran, 100 lbs. each corn meal, ground oats, gluten, and oil meal, then of 150 lbs. bran, 50 lbs. each corn meal, hominy, gluten, and oil meal, 125 lbs. each ground oats and Ajax Flakes; 30 lbs. ensilage, 8 lbs. alfalfa hay.
Jan., 1916. 9 lbs. grain daily of the following mixture with 3 lbs. corn meal added from the 13th to the 31st: 100 lbs. each bran and hominy, 125 lbs. each ground oats and Ajax Flakes, 50 lbs. oil meal; 30 lbs. ensilage and 8 lbs. alfalfa hay.
Feb., 1916. 9 lbs. grain daily of the following mixture: 100 lbs. each bran and hominy, 125 lbs. each ground oats and Ajax Flakes, 50 lbs. oil meal; 30 lbs. ensilage, 8 lbs. alfalfa hay.
Mar., 1916. 9 lbs. grain daily of the following mixture: 100 lbs. each bran and corn meal, 125 lbs. each ground oats and Ajax Flakes, 50 lbs. oil meal; 25 lbs. ensilage, 8 lbs. alfalfa hay.
Apr., 1916. 9 lbs. grain daily of the following mixture: 100 lbs. each bran and corn meal, 75 lbs. ground oats, 125 lbs. Ajax Flakes, 50 lbs. oil meal; 30 lbs. ensilage, 10 lbs. alfalfa hay.
May, 1916. 7 lbs. grain daily of the following mixture from the 1st to the 22d: 100 lbs. bran, 75 lbs. ground oats, 40 lbs. oil meal; 30 lbs. ensilage and 8 lbs. alfalfa hay to the 23d then pasture.
June, 1916. Pasture.
July, 1916. 6 lbs. grain daily of 5 lbs. bran, 1 lb. oil meal; pasture.
Aug., 1916. 5 lbs. grain daily of the following mixture: 100 lbs. bran, 50 lbs. gluten, 15 lbs. oil meal; pasture.
Sept., 1916. Same grain ration as given in August; corn fodder and pasture.
Oct., 1916. Same ration as given in September.

4787 **Dolly Bishop of Elm Row 59546**

Sire Priscilla's May King (19209).
Sire Langwater Dictator (15068) A. R.
Dam Fillmore's Miss Priscilla (25397) A. R. 1139.
Dam Rose Bishop's Tricksey of Elm Row (38959).
Sire Tricksey's Glenwood Boy of Valley View (13627).
Dam Rose Bishop (12529).
Breeder Harold G. Ray, Albion, Mich.
Owner Harold G. Ray, Albion, Mich.
Born Nov. 24, 1913. *Calved* Sept. 23, 1915. *Served* Mar. 19, 1916.
Requirement for admission: 250.50 lbs. butter fat.

Official year's record: 4852.60 lbs. milk; 268.22 lbs. butter fat.

(Record from Sept. 28, 1915 to Sept. 27, 1916.)
Supervised under one day test by Michigan Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Sept.,	1915,	49.70 lbs.	5.15 %	2.56 lbs.
Oct.,	"	532.00 "	5.15 "	27.40 "
Nov.,	"	468.20 "	4.63 "	21.68 "
Dec.,	"	447.90 "	4.95 "	22.17 "
Jan.,	1916,	425.00 "	6.11 "	25.97 "
Feb.,	"	375.20 "	5.65 "	21.20 "
Mar.,	"	386.10 "	5.50 "	21.24 "
Apr.,	"	379.70 "	5.65 "	21.45 "
May,	"	356.40 "	6.35 "	22.63 "
June,	"	422.30 "	4.96 "	20.95 "
July,	"	375.80 "	5.40 "	20.29 "
Aug.,	"	325.70 "	6.17 "	20.10 "
Sept.,	"	308.60 "	6.67 "	20.58 "
Total		4852.60 lbs.	5.53 Av. %	268.22 lbs.

Feed

Sept., 1915. 3.5 lbs. gluten daily to the 10th, then 5.25 lbs.; pasture.
Oct., 1915. Same ration as given in September.
Nov., 1915. 5.5 lbs. gluten daily; 15 to 20 lbs. ensilage, 3 lbs. each corn stover and clover hay, pasture.
Dec., 1915. 5.25 lbs. gluten daily to the 19th, then 3.5 lbs.; 20 lbs. ensilage, 2 lbs. shredded fodder, 8 lbs. alfalfa hay.
Jan., 1916. 3.5 lbs. gluten daily; 20 lbs. ensilage, corn fodder and alfalfa hay.
Feb., 1916. 3.5 lbs. gluten daily; 20 lbs. ensilage, hay.
Mar., 1916. Same ration as given in February.
Apr., 1916. Same ration as given in February.
May, 1916. Same grain ration as given in February; 20 lbs. ensilage with hay to the 23d, pasture after 23d.
June, 1916. 2 lbs. gluten to the 24th; pasture.
July, 1916. Pasture.
Aug., 1916. 3 lbs. gluten after the 28th; alfalfa hay and pasture with corn fodder after the 28th.
Sept., 1916. 3.5 lbs. gluten daily; hay and pasture with 20 lbs. ensilage after the 15th.

4788 Katonah's Penelope 38316

Sire Imp. Sequel's Monogram (15649) A. R.
Sire Imp. Masher's Sequel (11462) A. R.
Dam On Guernsey France's Honoria (R. G. A. S. 4670 P. S.).
Dam Nancy's Pet (18570) A. R. 617.
Sire Strong Anchor (5849) A. R.
Dam Nancy of Norwood (18568).
Breeder Clarence Whitman, Katonah, N. Y.
Owner George C. Stone, Twig, Minn.
Born Oct. 20, 1911. *Calved* Sept. 14, 1915. *Served* June 13, 1916.
Requirement for admission: 320.20 lbs. butter fat.

Official year's record: 8690.70 lbs. milk; 425.46 lbs. butter fat.

(Record from Sept. 18, 1915 to Sept. 17, 1916.)
Supervised by Minnesota Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Sept.,	1915,	432.20 lbs.	5.52 %	23.86 lbs.
Oct.,	"	898.30 "	5.52 "	49.59 "
Nov.,	"	831.70 "	4.59 "	38.18 "
Dec.,	"	774.10 "	4.91 "	38.01 "
Jan.,	1916,	687.90 "	5.41 "	37.22 "
Feb.,	"	674.00 "	4.80 "	32.35 "
Mar.,	"	700.80 "	4.94 "	34.62 "
Apr.,	"	663.90 "	4.57 "	30.34 "
May,	"	688.20 "	4.41 "	30.35 "
June,	"	679.70 "	4.49 "	30.52 "
July,	"	683.50 "	4.58 "	31.30 "
Aug.,	"	645.80 "	5.02 "	32.42 "
Sept.,	"	330.60 "	5.05 "	16.70 "
Total		8690.70 lbs.	4.90 Av. %	425.46 lbs.

Feed

Sept., 1915. 11 lbs. grain daily of the following mixture: 250 lbs. bran, 200 lbs. Ajax Flakes, 100 lbs. corn meal, 150 lbs. hominy, 50 lbs. gluten, 75 lbs. Brewers' Grains, 35 lbs. oil meal; 2 lbs. beet pulp, 25 lbs. roots, clover hay.
Oct., 1915. Same ration as given in September.
Nov., 1915. Same ration as given in September.
Dec., 1915. 10 lbs. grain daily of the following mixture: 200 lbs. each bran and Ajax Flakes, 125 lbs. hominy, 100 lbs. each Brewers' Grains and oil meal, 35 lbs. gluten, 50 lbs. cottonseed meal; 20 lbs. roots, 25 lbs. ensilage, alfalfa and clover hay.
Jan., 1916. Same ration as given in December.
Feb., 1916. 8 lbs. grain daily of the following mixture: 250 lbs. bran, 150 lbs. hominy, 200 lbs. Ajax Flakes, 35 lbs. each gluten and cottonseed meal, 100 lbs. oil meal; 1 lb. beet pulp, 20 lbs. each roots and ensilage, alfalfa hay.
Mar., 1916. Same ration as given in February.
Apr., 1916. 8 lbs. grain daily of the following mixture: 200 lbs. each bran and Ajax Flakes, 150 lbs. hominy, 75 lbs. Brewers' Grains, 50 lbs. gluten feed, 25 lbs. cottonseed meal, 100 lbs. oil meal; 1.5 lbs. beet pulp, 20 lbs. roots, alfalfa hay.
May, 1916. Same ration as given in April.
June, 1916. 7.5 lbs. grain daily of the following mixture: 200 lbs. each bran and Ajax Flakes, 100 lbs. each hominy and oil meal, 50 lbs. ground oats, 75 lbs. Brewers' Grains, 35 lbs. each gluten and cottonseed meal; 1 lb. beet pulp, alfalfa hay.
July, 1916. 8.5 lbs. grain daily of the following mixture: 150 lbs. bran, 100 lbs. hominy, 50 lbs. each ground oats, gluten, cottonseed meal, and oil meal, 125 lbs. Ajax Flakes; green clover to the 20th then rye and peas, mixed hay.
Aug., 1916. Same ration as given in July.
Sept., 1916. 8 lbs. grain daily of the following mixture: 100 lbs. each bran and hominy, 50 lbs. each ground oats, gluten, cottonseed meal, and oil meal, 125 lbs. Ajax Flakes; 25 lbs. ensilage, 9 lbs. mixed hay.

4789 Imp. Squire's Armada 51977

Sire On Guernsey Squire of the Couture (R. G. A. S. 2420 P. S.).
Sire On Guernsey Squire of Primrose Farm (R. G. A. S. 1929 P. S.) A. R.
Dam On Guernsey Angelica IX. (R. G. A. S. 7398 P. S.).
Dam On Guernsey Armada of les Choffins (R. G. A. S. 3834 F. S.).
Sire On Guernsey.
Dam On Guernsey.
Breeder John Tostevin, Island of Guernsey.
Owner University of Illinois, Urbana, Ill.
Born May 4, 1913. *Calved* Sept. 11, 1915. *Served* Dec. 15, 1915.
Requirement for admission: 264.20 lbs. butter fat.

Official year's record: 5985.50 lbs. milk; 334.26 lbs. butter fat.

(Record from Sept. 19, 1915 to Sept. 18, 1916.)
Supervised by Illinois Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Sept.,	1915,	241.60 lbs.	5.13 %	12.39 lbs.
Oct.,	"	789.60 "	5.13 "	40.51 "
Nov.,	"	741.50 "	5.16 "	38.26 "
Dec.,	"	671.30 "	5.81 "	39.00 "
Jan.,	1916,	574.00 "	6.46 "	37.08 "
Feb.,	"	486.70 "	6.26 "	30.47 "
Mar.,	"	472.40 "	5.81 "	27.45 "
Apr.,	"	402.10 "	5.64 "	22.68 "
May,	"	390.90 "	5.63 "	22.01 "
June,	"	372.60 "	5.93 "	22.10 "
July,	"	314.90 "	5.25 "	16.53 "
Aug.,	"	320.00 "	4.57 "	14.62 "
Sept.,	"	207.90 "	5.37 "	11.16 "
Total		5985.50 lbs.	5.58 Av. %	334.26 lbs.

Feed

Sept., 1915. 168 lbs. grain of the following amounts: 24 lbs. each bran, corn meal, ground oats, Ajax Flakes, and cottonseed meal, 48 lbs. gluten; 60 lbs. beet pulp, 192 lbs. ensilage, 96 lbs. alfalfa hay.
Oct., 1915. 368.9 lbs. grain of the following amounts: 52.7 lbs. each bran, corn meal, ground oats, Ajax Flakes, and oil meal, 105.4 lbs. gluten; 624 lbs. ensilage, 217 lbs. alfalfa hay.
Nov., 1915. 323.48 lbs. grain of the following amounts: 53.92 lbs. each bran, corn meal, ground oats, and oil meal, 107.8 lbs. gluten; 780 lbs. ensilage, 240 lbs. alfalfa hay.
Dec., 1915. 381.5 lbs. grain of the following amounts: 54.5 lbs. each bran, corn meal, ground oats, Ajax Flakes, and oil meal, 109 lbs. gluten; 806 lbs. ensilage, 248 lbs. alfalfa hay.
Jan., 1916. 345.1 lbs. grain of the following amounts: 49.3 lbs. each bran, corn meal, ground oats, Ajax Flakes, and oil meal, 98.6 lbs. gluten; 806 lbs. ensilage, 248 lbs. alfalfa hay.
Feb., 1916. 275.1 lbs. grain of the following amounts: 39.3 lbs. each bran, corn meal, ground oats, Ajax Flakes, and oil meal, 78.6 lbs. gluten; 754 lbs. ensilage, 232 lbs. alfalfa hay.
Mar., 1916. 280 lbs. grain of the following amounts: 40 lbs. each bran, corn meal, ground oats, Ajax Flakes, and oil meal, 80 lbs. gluten; 806 lbs. ensilage, 220 lbs. alfalfa hay.
Apr., 1916. 240 lbs. grain of the following amounts: 78 lbs. bran, 90 lbs. corn meal, 42 lbs. ground oats, 30 lbs. oil meal; 780 lbs. ensilage, 240 lbs. alfalfa hay.
May, 1916. 248 lbs. grain of the following amounts: 124 lbs. bran, 93 lbs. corn meal, 31 lbs. oil meal; 806 lbs. ensilage, 248 lbs. alfalfa hay.
June, 1916. 233 lbs. grain of the following amounts: 116.5 lbs. bran, 87.2 lbs. corn meal, 29.3 lbs. oil meal; 612 lbs. ensilage, 212 lbs. alfalfa hay.
July, 1916. 248 lbs. grain of the following amounts: 124 lbs. bran, 93 lbs. corn meal, 31 lbs. oil meal; 434 lbs. ensilage, 150 lbs. alfalfa hay.
Aug., 1916. 208 lbs. grain of the following amounts: 104 lbs. bran, 79 lbs. corn meal, 25 lbs. oil meal; 56 lbs. ensilage, 354 lbs. alfalfa hay.
Sept., 1916. 90 lbs. grain of the following amounts: 52.5 lbs. bran, 25.2 lbs. corn meal, 12.3 lbs. oil meal; 260 lbs. ensilage, 206 lbs. alfalfa hay.

4790 Rival's May Rose of Dellwood 48973

Sire Langwater Rival (14194) A. R.
Sire Jethro Bass (11366) A. R.
Dam Royal Rival's Queen (20130).
Dam Olga Rose of Dellwood (37054) A. R. 3046.
Sire Veribest (9845) A. R.
Dam Olga of the Glen (15593) A. R. 1739.
Breeder John Henry Hammond, Mount Kisco, N. Y.
Owner John Henry Hammond, Mount Kisco, N. Y.
Born Aug. 15, 1913. *Calved* Oct. 3, 1915. *Served* Mar. 28, 1916.
Requirement for admission: 258.20 lbs. butter fat.

Official year's record: 10002.80 lbs. milk; 528.93 lbs. butter fat.

Supervised by Cornell Agricultural Experiment Station, Ithaca, N. Y.

Year's Record		*Milk*	*Butter Fat*	
Nov.,	1915,	810.80 lbs.	5.02 %	40.70 lbs.
Dec.,	"	834.00 "	4.92 "	41.03 "
Jan.,	1916,	858.30 "	4.81 "	41.28 "
Feb.,	"	713.70 "	5.76 "	41.10 "
Mar.,	"	738.20 "	5.68 "	41.93 "
Apr.,	"	805.80 "	5.58 "	44.96 "
May,	"	924.20 "	5.01 "	46.30 "
June,	"	883.10 "	5.38 "	47.51 "
July,	"	888.00 "	5.23 "	46.44 "
Aug.,	"	871.80 "	5.47 "	47.69 "
Sept.,	"	832.80 "	5.76 "	47.97 "
Oct.,	"	842.10 "	4.99 "	42.02 "
Total		10002.80 lbs.	5.29 Av. %	528.93 lbs.

Feed

Nov., 1915. 242 lbs. grain of the following amounts: 30 lbs. each bran, corn meal, ground oats, Ajax Flakes, and gluten, 62 lbs. Brewers' Grains, 15 lbs. each cottonseed meal and oil meal; 600 lbs. mangels, ensilage and alfalfa hay.

Dec., 1915. 248 lbs. grain of the following amounts: 31 lbs. each bran, corn meal, ground oats, Ajax Flakes, and Brewers' Grains, 62 lbs. gluten, 15.5 lbs. each cottonseed meal and oil meal; 620 lbs. mangels, ensilage and alfalfa hay.

Jan., 1916. 254 lbs. grain of the following amounts: 31 lbs. each bran, Ajax Flakes, and gluten, 59 lbs. corn meal, 33 lbs. ground oats, 38 lbs. Brewers' Grains, 15.5 lbs. each cottonseed meal and oil meal; 620 lbs. mangels, ensilage and alfalfa hay.

Feb., 1916. 234 lbs. grain of the following amounts: 29 lbs. each bran, corn meal, ground oats, and gluten, 52 lbs. Ajax Flakes, 37 lbs. Brewers' Grains, 14.5 lbs. each cottonseed meal and oil meal; 725 lbs. mangels, ensilage and alfalfa hay.

Mar., 1916. 216 lbs. grain of the following amounts: 31 lbs. each bran, corn meal, ground oats, Ajax Flakes, Brewers' Grains, and gluten, 15 lbs. each cottonseed meal and oil meal; 775 lbs. mangels, ensilage and alfalfa hay.

Apr., 1916. 240 lbs. grain of the following amounts: 30 lbs. each bran, corn meal, ground oats, Brewers' Grains, and gluten, 60 lbs. Ajax Flakes, 15 lbs. each cottonseed meal and oil meal; 105 lbs. beets, ensilage and alfalfa hay.

May, 1916. 269 lbs. grain of the following amounts: 31 lbs. each bran, ground oats, Brewers' Grains, and gluten, 52 lbs. corn meal, 62 lbs. Ajax Flakes, 15.5 lbs. each cottonseed meal and oil meal; 150 lbs. beet pulp, pasture.

June, 1916. 270 lbs. grain of the following amounts: 30 lbs. each bran, Ajax Flakes, gluten, and Brewers' Grains, 60 lbs. each corn meal and ground oats, 15 lbs. each cottonseed meal and oil meal; 150 lbs. beet pulp, pasture.

July, 1916. 280 lbs. grain of the following amounts: 32 lbs. bran, 62 lbs. each corn meal and ground oats, 31 lbs. each Ajax Flakes, Brewers' Grains, and gluten, 15.5 lbs. each cottonseed meal and oil meal; 155 lbs. beet pulp, green oats and peas, pasture.

Aug., 1916. 248 lbs. grain of the following amounts: 31 lbs. each bran, ground oats, Ajax Flakes, Brewers' Grains, and gluten, 62 lbs. corn meal, 15.5 lbs. each cottonseed meal and oil meal; 155 lbs. beet pulp, green corn and pasture.

Sept., 1916. 268 lbs. grain of the following amounts: 30 lbs. each bran, ground oats, Brewers' Grains, and gluten, 60 lbs. corn meal, 58 lbs. Ajax Flakes, 15 lbs. each cottonseed meal and oil meal; green corn and pasture.

Oct., 1916. 279 lbs. grain of the following amounts: 34 lbs. bran, 57 lbs. corn meal, 31 lbs. each ground oats and gluten, 33 lbs. Ajax Flakes, 62 lbs. Distillers' Grains, 15.5 lbs. each cottonseed meal and oil meal; 155 lbs. beet pulp, 310 lbs. mangels, ensilage and alfalfa hay.

4791 Raider's Dorothy of Waddington 48107

Sire Imp. Border Raider (22243).
Sire Imp. Itchen Red Raider (27342).
Dam Itchen Verbena (5501 E. G. H. B.).
Dam Dorothy of Waddington (37019) A. R. 3114.
Sire Imp. Jip's Raymond of Waddington (14374) A. R.
Dam Imp. Antona 15th (32404) A. R. 2146.
Breeder E. W. Oglebay, Wheeling, W. Va.
Owner E. W. Oglebay, Wheeling, W. Va.
Born July 26, 1913. *Calved* Oct. 17, 1915. *Served* June 29, 1916.
Requirement for admission: 259.40 lbs. butter fat.

Official year's record: 9706.10 lbs. milk; 447.43 lbs. butter fat.

(Record from Oct. 24, 1915 to Oct. 23, 1916.)
Supervised by West Virginia Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Oct.,	1915,	208.70 lbs.	4.04 %	8.43 lbs.
Nov.,	"	875.00 "	4.04 "	35.35 "
Dec.,	"	912.30 "	4.40 "	40.14 "
Jan.,	1916,	889.40 "	4.41 "	39.22 "
Feb.,	"	746.50 "	4.68 "	34.94 "
Mar.,	"	787.60 "	4.86 "	38.28 "
Apr.,	"	788.10 "	4.69 "	36.96 "
May,	"	787.00 "	5.92 "	46.59 "
June,	"	779.80 "	4.65 "	36.26 "
July,	"	802.00 "	4.67 "	37.45 "
Aug.,	"	810.10 "	4.12 "	33.38 "
Sept.,	"	762.10 "	4.33 "	33.00 "
Oct.,	"	557.50 "	4.92 "	27.43 "
Total		9706.10 lbs.	4.61 Av. %	447.43 lbs.

Feed

Oct., 1915. Bran mashes from the 24th to the 26th, from the 27th to the 31st 37 lbs. grain, 22 lbs. of the following mixture with 7 lbs. ground oats and 8 lbs. oil meal added: 4 lbs. bran, 250 lbs. Ajax Flakes, 5 lbs. Union Grains, 30 lbs. homcoline, 3 lbs. cottonseed meal; 12 lbs. beet pulp, 80 lbs. roots, 90 lbs. ensilage, 48 lbs. alfalfa hay.

Nov., 1915. 345 lbs. grain, 219.5 lbs. of same mixture as given in October with 39.5 lbs. bran, 11 lbs. ground oats, 30 lbs. oil meal, and 45 lbs. gluten added; 45 lbs. beet pulp, 450 lbs. roots, 750 lbs. ensilage, 240 lbs. alfalfa hay.

Dec., 1915. 341 lbs. grain, 232.5 lbs. of the following mixture with 31 lbs. each bran and oil meal and 46.5 lbs. gluten added: 500 lbs. each bran, Ajax Flakes, and homcoline, 600 lbs. Unicorn Dairy Ration; 46.5 lbs. beet pulp, 620 lbs. roots, 775 lbs. ensilage, 279 lbs. alfalfa hay.

Jan., 1916. Same ration as given in December.

Feb., 1916. 312 lbs. grain, 210.5 lbs. of the following mixture with 29 lbs. each bran and oil meal and 43.5 lbs. gluten added: 5 parts bran, 3 parts each homcoline and cottonseed meal, 9 parts Unicorn Dairy Ration; 43.5 lbs. beet pulp, 580 lbs. roots, 725 lbs. ensilage, 261 lbs. alfalfa hay.

Mar., 1916. 310 lbs. grain, 186 lbs. of the following mixture with 46.5 lbs. each ground oats and gluten and 31 lbs. oil meal added: 500 lbs. bran, 1000 lbs. Unicorn Dairy Ration, 300 lbs. cottonseed meal; 46.5 lbs. beet pulp, 500 lbs. roots, 775 lbs. ensilage, 279 lbs. alfalfa hay.

Apr., 1916. 330 lbs. grain, 210 lbs. of the following mixture with 45 lbs. each ground oats and gluten and 30 lbs. oil meal added: 500 lbs. bran, 1000 lbs. Unicorn Dairy Ration, 300 lbs. cottonseed meal; 45 lbs. beet pulp, 750 lbs. ensilage, 270 lbs. alfalfa hay.

May, 1916. 310 lbs. grain, 186 lbs. of the following mixture with 46.5 lbs. each ground oats and gluten and 31 lbs. oil meal added: 600 lbs. bran, 1200 lbs. Unicorn Dairy Ration, 400 lbs. cottonseed meal; 46.5 lbs. beet pulp, 775 lbs. ensilage, 182 lbs. alfalfa hay.

June, 1916. 255 lbs. grain, 135 lbs. of the following mixture with 45 lbs. each oats and gluten and 30 lbs. oil meal added: 500 lbs. bran, 300 lbs. corn meal, 1200 lbs. Unicorn Dairy Ration, 400 lbs. cottonseed meal; 75 lbs. beet pulp, 600 lbs. ensilage, 180 lbs. alfalfa hay.

July, 1916. 279 lbs. grain, 155 lbs. of the following mixture with 46.5 lbs. each rolled oats and gluten and 31 lbs. oil meal added: 400 lbs. each bran and Ajax Flakes, 300 lbs. each corn meal and cottonseed meal, 1200 lbs. Unicorn Dairy Ration; 775 lbs. ensilage, 248 lbs. alfalfa hay.

Aug., 1916. 282.1 lbs. grain, 158.1 lbs. of same grain mixture as given in July with 46.5 lbs. each ground oats and gluten and 31 lbs. oil meal added; 775 lbs. ensilage, 248 lbs. alfalfa hay.

Sept., 1916. 273 lbs. grain, 153 lbs. of the following mixture with 45 lbs. each rolled oats and gluten and 30 lbs. oil meal added: 500 lbs. bran, 300 lbs. each corn meal and cottonseed meal, 400 lbs. Ajax Flakes, 1200 lbs. Unicorn Dairy Ration; 60 lbs. beet pulp, 750 lbs. ensilage, 240 lbs. alfalfa hay.

Oct., 1916. 211.6 lbs grain, 119.6 lbs. of the following mixture with 34.5 lbs. each crushed oats and gluten and 23 lbs. oil meal added: 500 lbs. Ajax Flakes, 1400 lbs. Unicorn Dairy Ration, 400 lbs. cottonseed meal; 46 lbs. beet pulp, 575 lbs. ensilage, 184 lbs. alfalfa hay.

4792 Imp. Fancy's Princess of St. Saviour's 60603

Sire On Guernsey Deanie's Squire (R. G. A. S. 2734 P. S.) A. R.
Sire On Guernsey Alderney II. (R. G. A. S. 2215 P. S.) A. R.
Dam On Guernsey Deanie XII. (R. G. A. S. 4699 P. S.).
Dam Imp. Fancy of les Câches II. (61194).
Sire Imp. Fanny's Sequel (19563) A. R.
Dam Imp. Houguette's Fancy (61193).
Breeder T. Mansell Simon, Island of Guernsey.
Owner E. W. Oglebay, Wheeling, W. Va.
Born Apr. 8, 1913. *Calved* Sept. 29, 1915. *Served* Mar. 29, 1916.
Requirement for admission: 268.20 lbs. butter fat.

Official year's record: 8978.20 lbs. milk; 382.52 lbs. butter fat.

(Record from Oct. 3, 1915 to Oct. 2, 1916.)
Supervised by West Virginia Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Oct.,	1915,	801.50 lbs.	4.09 %	32.78 lbs.
Nov.,	"	874.10 "	3.64 "	31.82 "
Dec.,	"	892.60 "	3.99 "	35.61 "
Jan.,	1916,	871.60 "	3.88 "	33.82 "
Feb.,	"	765.30 "	4.31 "	32.98 "
Mar.,	"	802.70 "	4.52 "	36.28 "
Apr.,	"	794.90 "	4.23 "	33.62 "
May,	"	775.50 "	4.44 "	34.43 "
June,	"	730.30 "	4.29 "	31.33 "
July,	"	598.90 "	5.16 "	30.90 "
Aug.,	"	533.50 "	4.38 "	23.37 "
Sept.,	"	502.10 "	4.76 "	23.90 "
Oct.,	"	35.20 "	4.76 "	1.68 "
Total		8978.20 lbs.	4.26 Av. %	382.52 lbs.

Feed

Oct., 1915. 318.5 lbs. grain, 27 lbs. each bran, ground oats, and oil meal, 37.5 lbs. gluten, and 200 lbs. of the following mixture: 400 lbs. bran, 250 lbs. Ajax Flakes, 500 lbs. Unicorn Dairy Ration, 300 lbs. each Homcoline and cottonseed meal; 40.5 lbs. beet pulp, 130 lbs. roots, 605 lbs. ensilage, 182 lbs. alfalfa hay, blue grass pasture.
Nov., 1915. 335.5 lbs. grain, 30 lbs. each bran and oil meal, 11 lbs. ground oats, 45 lbs. gluten, and 219.5 lbs. same grain mixture as given in October; 45 lbs. beet pulp, 450 lbs. roots, 750 lbs. ensilage, 240 lbs. alfalfa hay.
Dec., 1915. 341 lbs. grain, 31 lbs. each bran and oil meal, 46.5 lbs. gluten, and 232.5 lbs. of the following mixture: 500 lbs. each bran, Ajax Flakes, and Homcoline, 600 lbs. Unicorn Dairy Ration; 46.5 lbs. beet pulp, 620 lbs. roots, 775 lbs. ensilage, 279 lbs. alfalfa hay.
Jan., 1916. Same grain ration as given in December; 46.5 lbs. beet pulp, 620 lbs. roots, 775 lbs. ensilage, 248 lbs. alfalfa hay.
Feb., 1916. 319 lbs. grain, 43.5 lbs. each bran and gluten, 29 lbs. oil meal, and 203 lbs. of the following mixture: 5 parts bran, 9 parts Unicorn Dairy Ration, 3 parts each Homcoline and cottonseed meal; 43.5 lbs. beet pulp, 580 lbs. roots, 725 lbs. ensilage, 232 lbs. alfalfa hay.
Mar., 1916. 294.5 lbs. grain, 46.5 lbs. ground oats, 31 lbs. each gluten and oil meal, and 186 lbs. of the following mixture: 500 lbs. bran, 1000 lbs. Unicorn Dairy Ration, 300 lbs. cottonseed meal; 46.5 lbs. beet pulp, 500 lbs. roots, 775 lbs. ensilage, 279 lbs. alfalfa hay.
Apr., 1916. 300 lbs. grain, 45 lbs. each ground oats and gluten, 30 lbs. oil meal, and 180 lbs. of the following mixture: 500 lbs. bran, 1000 lbs. Unicorn Dairy Ration, 300 lbs. cottonseed meal; 45 lbs. beet pulp, 750 lbs. ensilage, 270 lbs. alfalfa hay.
May, 1916. 341 lbs. grain, 46.5 lbs. each ground oats and gluten, 31 lbs. oil meal, and 217 lbs. of the following mixture: 6 parts bran, 12 parts Unicorn Dairy Ration, 4 parts cottonseed meal; 46.5 lbs. beet pulp, 775 lbs. ensilage, 182 lbs. alfalfa hay.
June, 1916. 273 lbs. grain, 45 lbs. each rolled oats and gluten, 30 lbs. oil meal, and 153 lbs. of the following mixture: 500 lbs. bran, 300 lbs. corn meal, 1200 lbs. Unicorn Dairy Ration, 400 lbs. cottonseed meal; 90 lbs. beet pulp, 750 lbs. ensilage, 240 lbs. alfalfa hay.
July, 1916. 272.8 lbs. grain, 46.5 lbs. each rolled oats and gluten, 31 lbs. oil meal, and 148.8 lbs. of the following mixture: 500 lbs. bran, 300 lbs. each corn meal and cottonseed meal, 400 lbs. Ajax Flakes, 1200 lbs. Unicorn Dairy Ration; 62 lbs. beet pulp, 620 lbs. ensilage, 248 lbs. alfalfa hay.
Aug., 1916. 217 lbs. grain, 23.25 lbs. each rolled oats and gluten, 31 lbs. oil meal, and 139.5 lbs. same grain mixture as given in July; 46.5 lbs beet pulp, 775 lbs. ensilage, 248 lbs. alfalfa hay.
Sept., 1916. 228 lbs. grain, 31 lbs. each rolled oats, gluten, and oil meal, and 135 lbs. of the following mixture: 500 lbs. bran, 300 lbs. each corn meal and cottonseed meal, 400 lbs. Ajax Flakes, 1200 lbs. Unicorn Dairy Ration; 46.5 lbs. beet pulp, 775 lbs. ensilage, 248 lbs. alfalfa hay.
Oct., 1916. Same ration as given in September.

4793 Lady Septem 49782

Sire Damond of Whitford (19149).
Sire Munich (14665).
Dam Dorothy's Sylph (29804).
Dam Lady Vincent (45413).
Sire Gleneda of Pinehurst (13615).
Dam Poco Taylor (12534).
Breeder Samuel S. Frick, Vincentown, N. J.
Owner William Nelson Pelouze, Oconomowoc, Wis.
Born June 12, 1912. *Calved* Aug. 16, 1915. *Served* Feb. 16, 1916.
Requirement for admission: 293.90 lbs. butter fat.

Official year's record: 8080.60 lbs. milk; 398.48 lbs. butter fat.

(Record from Aug. 21, 1915 to Aug. 20, 1916.)
Supervised by Wisconsin Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Aug.,	1915,	246.10 lbs.	4.61 %	11.35 lbs.
Sept.,	"	813.40 "	4.13 "	33.59 "
Oct.,	"	812.10 "	4.54 "	36.87 "
Nov.,	"	701.00 "	4.64 "	32.53 "
Dec.,	"	735.80 "	4.79 "	35.24 "
Jan.,	1916,	681.60 "	5.10 "	34.76 "
Feb.,	"	591.40 "	5.25 "	31.05 "
Mar.,	"	644.80 "	5.11 "	32.95 "
Apr.,	"	628.90 "	5.13 "	32.26 "
May,	"	616.90 "	5.26 "	32.45 "
June,	"	636.00 "	5.06 "	32.18 "
July,	"	593.90 "	5.44 "	32.31 "
Aug.,	"	378.70 "	5.53 "	20.94 "
Total		8080.60 lbs.	4.93 Av. %	398.48 lbs.

Feed

Aug., 1915. 10 lbs. grain daily of the following mixture with 1 lb. molasses feed added: 300 lbs. each bran, ground oats, and Ajax Flakes, 100 lbs. each hominy and oil meal; 25 lbs. ensilage, alfalfa hay.
Sept., 1915. 10 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, and Ajax Flakes, 200 lbs. ground oats; alfalfa hay and pasture.
Oct., 1915. Same ration as given in September.
Nov., 1915. 12 lbs. grain daily of the following mixture: 100 lbs. each bran and ground oats, 150 lbs. Ajax Flakes, 25 lbs. cottonseed meal, 50 lbs. oil meal; 10 lbs. beets, 30 lbs. ensilage, 12 lbs. alfalfa hay.
Dec., 1915. Same ration as given in November.
Jan., 1916. Same ration as given in November.
Feb., 1916. 12 lbs. grain daily of the following mixture: 300 lbs. each bran and ground oats, 400 lbs. Ajax Flakes, 50 lbs. cottonseed meal, 100 lbs. oil meal; 30 lbs. ensilage, hay.
Mar., 1916. Same ration as given in February.
Apr., 1916. Same ration as given in February.
May, 1916. Same ration as given in February.
June, 1916. Same ration as given in February.
July, 1916. Same ration as given in February.
Aug., 1916. Same ration as given in February.

4794 Elm Row May Kirk 59545

Sire Priscilla's May King (19209) A. R.
Sire Langwater Dictator (15068) A. R.
Dam Fillmore's Miss Priscilla (25397) A. R. 1139.
Dam Floss Kirk of Maple Shade (35305) A. R. 2858.
Sire Dandy Lawton (16787).
Dam Floss Kirk (19512).
Breeder G. W. Ray, Albion, Mich.
Owner G. W. Ray, Albion, Mich.
Born May 8, 1913. *Calved* Sept. 23, 1915. *Served* Feb. 20, 1916.
Requirement for admission: 264 70 lbs. butter fat.

Official year's record: 4785.20 lbs. milk; 267.50 lbs. butter fat.

(Record from Sept. 28, 1915 to Sept. 27, 1916.)
Supervised under one day test by Michigan Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Sept.,	1915,	55.20 lbs.	4.85 %	2.68 lbs.
Oct.,	"	513.90 "	4.85 "	24.92 "
Nov.,	"	467.30 "	4.95 "	23.13 "
Dec.,	"	441.00 "	5.16 "	22.76 "
Jan.,	1916,	414.60 "	6.23 "	25.83 "
Feb.,	"	382.90 "	5.80 "	22.21 "
Mar.,	"	397.10 "	5.30 "	21.05 "
Apr.,	"	387.90 "	5.75 "	22.30 "
May,	"	382.10 "	6.10 "	23.31 "
June,	"	422.20 "	5.35 "	22.59 "
July,	"	367.70 "	6.43 "	23.64 "
Aug.,	"	299.70 "	6.30 "	18.88 "
Sept.,	"	253.60 "	5.60 "	14.20 "
Total		4785.20 lbs.	5.59 Av. %	267.50 lbs.

Feed

Sept., 1915. 3.5 lbs. gluten daily; pasture.
Oct., 1915. 3.5 lbs. gluten daily to the 10th, then 5.25 lbs.; pasture.
Nov., 1915. 5.25 lbs. gluten daily; 15 to 20 lbs. ensilage, 3 lbs. each corn stover and clover hay, pasture.
Dec., 1915. 5.25 lbs. gluten daily to the 19th, then 3.5 lbs.; 20 lbs. ensilage, 2 lbs. shredded fodder, 8 lbs. alfalfa hay.
Jan., 1916. 3.5 lbs. gluten daily; 20 lbs. ensilage, corn fodder and alfalfa hay.
Feb., 1916. 3.5 lbs. gluten daily; 20 lbs. ensilage, hay.
Mar., 1916. Same ration as given in February.
Apr., 1916. Same ration as given in February.
May, 1916. Same grain ration as given in February; 20 lbs. ensilage with hay to the 23d, pasture after 23d.
June, 1916. 2 lbs. gluten to the 24th; pasture.
July, 1916. Pasture.
Aug., 1916. 3 lbs. gluten after the 28th; alfalfa hay and pasture with corn fodder after the 28th.
Sept., 1916. 3.5 lbs. gluten daily; hay and pasture with 20 lbs. ensilage after the 15th.

4795 Elm Row Namouna's Lady 60062

Sire Priscilla's May King (19209) A. R.
Sire Langwater Dictator (15068) A. R.
Dam Fillmore's Miss Priscilla (25397) A. R. 1139.
Dam Namouna's Lady of Maple Shade (36626) A. R. 2859.
Sire Imp. Nellie's Sequel (14545) A. R.
Dam Namouna of Sunnyside (23138).
Breeder G. W. Ray, Albion, Mich.
Owner G. W. Ray, Albion, Mich.
Born May 23, 1913. *Calved* Oct. 20, 1915. *Served* Mar. 14, 1916.
Requirement for admission: 265.70 lbs. butter fat.

Official year's record: 5393.90 lbs. milk; 287.36 lbs. butter fat.

(Record from Oct. 23, 1915 to Oct. 22, 1916.)
Supervised under one day test by Michigan Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Oct.,	1915,	182.00 lbs.	5.60 %	10.19 lbs.
Nov.,	"	586.30 "	5.60 "	32.83 "
Dec.,	"	553.90 "	4.98 "	27.58 "
Jan.,	1916,	534.90 "	5.76 "	30.81 "
Feb.,	"	455.00 "	4.95 "	22.52 "
Mar.,	"	474.30 "	5.10 "	24.19 "
Apr.,	"	447.90 "	5.20 "	23.29 "
May,	"	451.00 "	5.71 "	25.75 "
June,	"	496.30 "	4.99 "	24.77 "
July,	"	432.90 "	4.94 "	21.39 "
Aug.,	"	331.00 "	5.79 "	19.16 "
Sept.,	"	271.60 "	5.55 "	15.07 "
Oct.,	"	176.80 "	5.55 "	9.81 "
Total		5393.90 lbs.	5.33 Av. %	287.36 lbs.

Feed

Oct., 1915. 3.5 lbs. gluten daily; 10 lbs. ensilage, pasture.
Nov., 1915. 5.25 lbs. gluten daily; 15 to 20 lbs. ensilage, 3 lbs. each corn stover and hay, pasture.
Dec., 1915. 5.25 lbs. gluten daily to the 19th, then 3.5 lbs.; 20 lbs. ensilage, 2 lbs. shredded fodder, 8 lbs. alfalfa hay.
Jan., 1916. 3.5 lbs. gluten daily; 20 lbs. ensilage, corn fodder and alfalfa hay.
Feb., 1916. 3.5 lbs. gluten daily; 20 lbs. ensilage, hay.
Mar., 1916. Same ration as given in February.
Apr., 1916. Same ration as given in February.
May, 1916. Same grain ration as given in February; 20 lbs. ensilage with hay to the 23d, pasture after 23d.
June, 1916. 2 lbs. gluten to the 24th; pasture.
July, 1916. Pasture.
Aug., 1916. 3 lbs. gluten after the 28th; alfalfa hay and pasture with corn fodder after the 28th.
Sept., 1916. 3.5 lbs. gluten daily; hay and pasture with 20 lbs. ensilage after the 15th.
Oct., 1916. 3.5 lbs. gluten daily; 20 lbs. ensilage, hay.

4796 Lady Liene of Craigamoor 36570

Sire Imp. Oneida's Jewel (15650) A. R.
Sire Imp. Galaxy's Sequel (16904) A. R.
Dam Imp. Oneida II. of the Mill (35757).
Dam Imp. Buttercup of the Villette (26952) A. R. 4057.
Sire Imp. Lord Mar (14359) A. R.
Dam On Guernsey Princess of the Gâchères (R. G. A. S. 2494 F. S.).
Breeder George C. Cooper, Superior, Wis.
Owner George C. Cooper, Superior, Wis.
Born Feb. 26, 1911. *Calved* Oct. 1, 1915. *Served* Apr. 18, 1916.
Requirement for admission: 345.50 lbs. butter fat.

Official year's record: 8546.60 lbs. milk; 427.46 lbs. butter fat.

(Record from Oct. 5, 1915 to Oct. 4, 1916.)
Supervised by Wisconsin Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Oct.,	1915,	862.10 lbs.	4.64 %	40.00 lbs.
Nov.,	"	882.00 "	4.67 "	41.19 "
Dec.,	"	821.90 "	5.12 "	42.08 "
Jan.,	1916,	780.30 "	5.33 "	41.59 "
Feb.,	"	677.00 "	5.28 "	35.75 "
Mar.,	"	663.10 "	4.85 "	32.16 "
Apr.,	"	594.10 "	4.76 "	28.28 "
May,	"	659.60 "	4.81 "	31.73 "
June,	"	679.00 "	5.06 "	34.36 "
July,	"	666.00 "	5.00 "	33.30 "
Aug.,	"	593.80 "	5.45 "	32.36 "
Sept.,	"	582.60 "	5.19 "	30.24 "
Oct.,	"	85.10 "	5.19 "	4.42 "
Total		8546.60 lbs.	5.00 Av. %	427.46 lbs.

Feed

Oct., 1915. 7 to 12 lbs. grain daily of the following mixture: 100 lbs. bran, 80 lbs. each corn meal and ground oats, some Ajax Flakes; pasture and hay.
Nov., 1915. 10 to 12 lbs. grain daily of the following mixture: 100 lbs. bran, 80 lbs. corn meal, 64 lbs. ground oats, 62 lbs. Ajax Flakes, 50 lbs. oil meal; 10 to 15 lbs. ensilage, clover hay.
Dec., 1915. 10 lbs. grain daily of the following mixture: 100 lbs. bran, 80 lbs. corn meal, 64 lbs. ground oats, 125 lbs. Ajax Flakes, 50 lbs. oil meal; 10 lbs. ensilage, clover and timothy hay.
Jan., 1916. 12 lbs. grain daily of the following mixture: 100 lbs. bran, 80 lbs. corn meal, 70 lbs. ground oats, 62.5 lbs. Ajax Flakes, 25 lbs. oil meal; 15 lbs. ensilage, 10 to 12 lbs. mixed hay.
Feb., 1916. Same ration as given in January.
Mar., 1916. 10 lbs. grain daily of the following mixture: 100 lbs. bran, 80 lbs. each corn meal and ground oats, 125 lbs. Ajax Flakes, 50 lbs. oil meal, 2 lbs. alfalfa meal; 10 to 15 lbs. timothy hay.
Apr., 1916. 8 to 10 lbs. grain daily of the following mixture: 100 lbs. bran, 80 lbs. corn meal, 64 lbs. ground oats, 100 lbs. Ajax Flakes, 50 lbs. oil meal; 10 lbs. timothy and clover hay, 8 lbs. roots from the 24th to the 30th.
May, 1916. 8 to 10 lbs. grain daily of the following mixture: 100 lbs. each bran and Ajax Flakes, 80 lbs. corn meal, 64 lbs. ground oats, 50 lbs. oil meal; 15 lbs. roots from the 1st to the 15th then 10 lbs. timothy hay, pasture.
June, 1916. 10.5 lbs. grain daily of the following mixture: 100 lbs. each bran and Ajax Flakes, 80 lbs. corn meal, 64 lbs. ground oats, 30 lbs. oil meal; grass in barn, pasture.
July, 1916. 8 to 10 lbs. grain of the following mixture: 100 lbs. each bran and Ajax Flakes, 80 lbs. corn meal, 64 lbs. ground oats, 25 lbs. oil meal; grass during the day and pasture at night.
Aug., 1916. 8 lbs. grain daily of the following mixture: 100 lbs. each bran and Ajax Flakes, 80 lbs. corn meal, 64 lbs. ground oats, 25 lbs. oil meal; pasture.
Sept., 1916. 6 lbs. grain daily same mixture as given in August; pasture.
Oct., 1916. Same ration as given in September.

4797 Russel's Alpha of Craigamoor 32679

Sire Russel of Roughwood (12984) A. R.
Sire Squire Canterbury (10437) A. R.
Dam Imp. Daisy II. of the Russel (21340) A. R. 783.
Dam Imp. Queenie of the Duvaux (26946).
Sire Imp. Galaxy's Sequel (16904) A. R.
Dam Imp. Beauty IV. of the Queen's Hotel (35457).
Breeder George C. Cooper, Superior, Wis.
Owner George C. Cooper, Superior, Wis.
Born Mar. 31, 1910. *Calved* Sept. 28, 1915. *Served* Apr. 5, 1916.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 10192.70 lbs. milk; 450.72 lbs. butter fat.

(Record from Oct. 2, 1915 to Oct. 1, 1916.)
Supervised by Wisconsin Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Oct.,	1915,	991.10 lbs.	3.89 %	38.55 lbs.
Nov.,	"	941.40 "	3.57 "	33.61 "
Dec.,	"	934.90 "	4.43 "	41.42 "
Jan.,	1916,	937.40 "	5.88 "	55.12 "
Feb.,	"	843.40 "	4.48 "	37.78 "
Mar.,	"	909.80 "	4.41 "	40.12 "
Apr.,	"	674.10 "	4.46 "	30.06 "
May,	"	806.30 "	4.37 "	35.24 "
June,	"	883.00 "	4.37 "	38.59 "
July,	"	818.90 "	4.16 "	34.07 "
Aug.,	"	723.50 "	4.55 "	32.92 "
Sept.,	"	705.70 "	4.56 "	32.18 "
Oct.,	"	23.20 "	4.56 "	1.06 "
Total		10192.70 lbs.	4.42 Av. %	450.72 lbs.

Feed

Oct., 1915. 6 lbs. grain daily to the 15th, then 10 lbs., of the following mixture: 100 lbs. bran, 62 lbs. Ajax Flakes, 80 lbs. corn meal, 64 lbs. ground oats, 50 lbs. oil meal; hay and pasture.
Nov., 1915. 12 lbs. grain daily of the following mixture: 100 lbs. bran, 80 lbs. corn meal, 64 lbs. ground oats, 62 lbs. Ajax Flakes, 50 lbs. oil meal; 10 to 15 lbs. ensilage, 10 lbs. clover hay.
Dec., 1915. 12 lbs. grain daily of the following mixture: 100 lbs. bran, 80 lbs. corn meal, 64 lbs. ground oats, 125 lbs. Ajax Flakes, 50 lbs. oil meal; 10 lbs. ensilage, clover and timothy hay.
Jan., 1916. 12 lbs. grain daily of the following mixture: 100 lbs. bran, 80 lbs. corn meal, 70 lbs. ground oats, 62.5 lbs. Ajax Flakes, 25 lbs. oil meal; 15 lbs. ensilage, 10 to 12 lbs. mixed hay.
Feb., 1916. Same ration as given in January.
Mar., 1916. 12 lbs. grain daily of the following mixture: 100 lbs. bran, 80 lbs. each corn meal and ground oats, 125 lbs. Ajax Flakes, 50 lbs. oil meal, 2 lbs. alfalfa meal; 10 to 15 lbs. timothy hay.
Apr., 1916. 10 lbs. grain daily of the following mixture: 100 lbs. each bran and Ajax Flakes, 80 lbs. corn meal, 64 lbs. ground oats, 50 lbs. oil meal; 10 lbs. mixed hay, 10 lbs. roots from the 24th to the 30th.
May, 1916. 6 to 8 lbs. grain daily to the 10th, then 10 to 12 lbs., of the following mixture: 100 lbs. each bran and Ajax Flakes, 80 lbs. corn meal, 64 lbs. ground oats, 50 lbs. oil meal; 10 to 15 lbs. roots to the 10th, mixed timothy hay last 10 days, pasture.
June, 1916. 10.5 lbs. grain daily of the following mixture: 100 lbs. each bran and Ajax Flakes, 80 lbs. corn meal, 64 lbs. ground oats, 30 lbs. oil meal; grass in barn, pasture.
July, 1916. 8 to 10 lbs. grain daily of the following mixture: 100 lbs. each bran and Ajax Flakes, 80 lbs. corn meal, 64 lbs. ground oats, 25 lbs. oil meal; grass in barn, pasture.
Aug., 1916. 9 lbs. grain daily of the following mixture: 100 lbs. each bran and Ajax Flakes, 80 lbs. corn meal, 64 lbs. ground oats, 25 lbs. oil meal; pasture.
Sept., 1916. 7 lbs. grain daily same mixture as given in August; pasture.
Oct., 1916. Same ration as given in September.

4798 **Nivolette of Harbor Hill 52936**

Sire Imp. Masher's Galore (8572) A. R.
Sire Imp. France's Masher 2d (7248) A. R.
Dam On Guernsey Zara (R. G. A. S. 3471 P. S.).
Dam Nivolette (16718) A. R. 1007.
Sire Imp. St. George's Standard (7440).
Dam Come to Stay (10081).
Breeder Clarence H. Mackay, Roslyn, N. Y.
Owner Clarence H. Mackay, Roslyn, N. Y.
Born Feb. 4, 1912. *Calved* Oct. 14, 1915. *Served* Apr. 6, 1916.
Requirement for admission: 313.00 lbs. butter fat.

Official year's record: 11990.30 lbs. milk; 548.43 lbs. butter fat.

(Record from Oct. 23, 1915 to Oct. 22, 1916.)
Supervised by Cornell Agricultural Experiment Station, Ithaca, N. Y.

Year's Record		*Milk*	*Butter Fat*	
Oct.,	1915,	305.90 lbs.	4.83 %	14.77 lbs.
Nov.,	"	1173.80 "	4.58 "	53.76 "
Dec.,	"	1208.50 "	4.28 "	51.72 "
Jan.,	1916,	1179.40 "	4.27 "	50.36 "
Feb.,	"	1098.70 "	4.44 "	48.78 "
Mar.,	"	1132.60 "	4.19 "	47.46 "
Apr.,	"	1075.20 "	4.40 "	47.31 "
May,	"	1019.00 "	4.30 "	43.82 "
June,	"	914.40 "	4.97 "	45.45 "
July,	"	868.70 "	4.74 "	41.18 "
Aug.,	"	836.30 "	5.05 "	42.23 "
Sept.,	"	669.50 "	5.23 "	35.01 "
Oct.,	"	508.30 "	5.23 "	26.58 "
Total		11990.30 lbs.	4.57 Av. %	548.43 lbs.

Feed

Oct., 1915. 8 to 12 lbs. g ain daily of the following mixture: 100 lbs. each bran, Brewers' Grains, and peanut meal, 150 lbs. corn meal, 125 lbs. ground oats, 50 lbs. each gluten, cottonseed meal, and linseed meal; 50 lbs. mangels, green corn and alfalfa hay.
Nov., 1915. 16 lbs. grain daily same mixture as given in October; 65 lbs. mangels, alfalfa hay.
Dec., 1915. Same grain ration as given in November; 70 lbs. mangels, alfalfa hay.
Jan., 1916. 16.5 lbs. grain daily of the following mixture: 200 lbs. bran, 150 lbs. corn meal, 125 lbs. each ground oats and Ajax Flakes, 50 lbs. each gluten feed, cottonseed meal, and linseed meal, 100 lbs. peanut meal; 65 lbs. mangels, 15 lbs. alfalfa hay.
Feb., 1916. 16.5 lbs. grain daily of the following mixture: 100 lbs. each bran and peanut meal, 150 lbs. corn meal, 125 lbs. each ground oats and Ajax Flakes, 50 lbs. each gluten feed, cottonseed meal, and linseed meal; 70 lbs. mangels, 15 lbs. alfalfa hay.
Mar., 1916. 16.5 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, and peanut meal, 125 lbs. each ground oats and Ajax Flakes, 50 lbs. each gluten feed, cottonseed meal, and linseed meal; 65 lbs. mangels to the 19th then 5 lbs. beet pulp and 20 lbs. mangels, alfalfa hay.
Apr., 1916. 16.5 lbs. grain daily of the following mixture: 200 lbs. each bran and Schumacher Feed, 100 lbs. each corn meal, linseed meal, and peanut meal, 125 lbs. each ground oats and Ajax Flakes, 50 lbs. each gluten and cottonseed meal; 5 lbs. beet pulp, 20 lbs. mangels, alfalfa hay.
May, 1916. 16 lbs. grain daily same mixture as given in April; 10 lbs. beet pulp, green wheat and vetch.
June, 1916. Same grain ration as given in April; 6 lbs. beet pulp, green alfalfa.
July, 1916. 16.5 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each corn meal, Schumacher Feed, linseed meal, and peanut meal, 125 lbs. each ground oats and Ajax Flakes, 50 lbs. each gluten feed and cottonseed meal; green oats and peas and corn.
Aug., 1916. 15 lbs. grain daily, from the 1st to the 18th of the following mixture: 200 lbs. each bran and Schumacher Feed, 125 lbs. each ground oats and Ajax Flakes, 50 lbs. gluten feed, 100 lbs. each cottonseed meal and linseed meal, 150 lbs. peanut meal, then of 200 lbs. bran, 125 lbs. each ground oats and Ajax Flakes, 100 lbs. each corn meal, linseed meal, and peanut meal, 50 lbs. each gluten feed and cottonseed meal; 6 lbs. beet pulp, green corn.
Sept., 1916. 15 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each corn meal, hominy, Schumacher Feed, Unicorn Dairy Ration, gluten, oil meal, and peanut meal, 150 lbs. ground oats, 50 lbs. cottonseed meal; 5 lbs. beet pulp, green corn and alfalfa hay.
Oct., 1916. 15 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each corn meal, hominy, Schumacher Feed, Unicorn Dairy Ration, gluten, peanut meal, and oil meal, 300 lbs. ground oats, 50 lbs. cottonseed meal; 60 lbs. mangels, green corn and alfalfa hay.

4799 **Symphony of Paxtang 40920**

Sire Vale of Pencoyd (14713).
Sire Imp. Golden Secret of Lilyvale (10028) A. R.
Dam Misplace (7586) A. R. 465.
Dam Harmony of Paxtang (24694).
Sire Sir Golden (8037).
Dam Contralto of Paxtang (12915).
Breeder I. S. Wilhelm, Harrisburg, Pa.
Owner Frank Graham Thomson, Devon, Pa.
Born Feb. 26, 1911. *Calved* Sept. 15, 1915. *Served* Mar. 22, 1916.
Requirement for admission: 344.30 lbs. butter fat.

Official year's record: 11370.10 lbs. milk; 529.17 lbs. butter fat.

(Record from Sept. 23, 1915 to Sept. 22, 1916.)
Supervised by Pennsylvania Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Sept.,	1915,	286.70 lbs.	4.13 %	11.84 lbs.
Oct.,	"	1290.10 "	4.13 "	53.28 "
Nov.,	"	1237.00 "	4.45 "	55.05 "
Dec.,	"	1184.30 "	4.49 "	53.18 "
Jan.,	1916,	1108.60 "	4.56 "	50.55 "
Feb.,	"	990.00 "	4.80 "	47.52 "
Mar.,	"	936.70 "	4.65 "	43.56 "
Apr.,	"	954.60 "	5.12 "	48.88 "
May,	"	966.40 "	4.54 "	43.87 "
June,	"	792.70 "	4.82 "	38.21 "
July,	"	689.70 "	4.82 "	33.24 "
Aug.,	"	606.40 "	5.29 "	32.08 "
Sept.,	"	326.90 "	5.48 "	17.91 "
Total		11370.10 lbs.	4.65 Av. %	529.17 lbs.

Feed

Sept., 1915. 13 lbs. grain daily of the following mixture: 4 lbs. bran, 1 lb. each corn meal, gluten, cottonseed meal, and oil meal, 3 lbs. ground oats, 2 lbs. Ajax Flakes; 4 lbs. beet pulp, green corn and pasture.
Oct., 1915. 20 lbs. grain daily of the following mixture: 5 lbs. each bran and ground oats, 1 lb. each corn meal and oil meal, 4 lbs. Ajax Flakes, 2 lbs. each gluten and cottonseed meal; 6 lbs. beet pulp, 15 lbs. ensilage, hay and pasture.
Nov., 1915. Same grain ration as given in October to the 14th, then 18 lbs. of the following mixture: 500 lbs. each bran and ground oats, 200 lbs. each corn meal and cottonseed meal, 400 lbs. Ajax Flakes, 100 lbs. gluten, 50 lbs. oil meal; 6 lbs. beet pulp, 20 lbs. ensilage, 8 lbs. alfalfa hay.
Dec., 1915. 18 lbs. grain daily same mixture as given the last of November; 5 lbs. beet pulp, 20 lbs. ensilage, 8 lbs. alfalfa hay.
Jan., 1916. Same grain ration as given in December; 8 lbs. each beet pulp and alfalfa hay, 20 lbs. ensilage.
Feb., 1916. 16 lbs. grain daily of the following mixture: 300 lbs. each bran and corn and cob meal, 200 lbs. ground oats, 125 lbs. Ajax Flakes, 100 lbs. gluten, 50 lbs. cottonseed meal; 8 lbs. each beet pulp and alfalfa hay, 20 lbs. ensilage.
Mar., 1916. Same ration as given in February.
Apr., 1916. 14 lbs. grain daily of the following mixture: 250 lbs. bran, 300 lbs. ground oats, 150 lbs. Ajax Flakes, 100 lbs. each gluten and cottonseed meal, 50 lbs. oil meal; 6 lbs. beet pulp, 15 lbs. ensilage, 8 lbs. alfalfa hay.
May, 1916. 12 lbs. grain daily of the following mixture: 300 lbs. each bran, corn and cob meal, and ground oats, 200 lbs. gluten, 150 lbs. Ajax Flakes, 100 lbs. cottonseed meal; pasture.
June, 1916. 12 lbs. grain daily of the following mixture: 300 lbs. each bran and corn and cob meal, 200 lbs. ground oats, 150 lbs. Ajax Flakes, 100 lbs. gluten, 75 lbs. cottonseed meal; pasture.
July, 1916. 12 lbs. grain daily of the following mixture: 300 lbs. each bran and ground oats, 250 lbs. corn and cob meal, 150 lbs. Ajax Flakes, 200 lbs. gluten; green alfalfa and pasture.
Aug., 1916. 12 lbs. grain daily of the following mixture: 300 lbs. each bran and ground oats, 200 lbs. each corn and cob meal and gluten, 150 lbs. each Ajax Flakes and cottonseed meal, 50 lbs. oil meal; green alfalfa and pasture.
Sept., 1916. 6 lbs. grain daily of the following mixture: 2 lbs. bran, 3 lbs. Schumacher Feed, 1 lb. oil meal; 30 lbs. each roots and ensilage.

4800 **Cold Brook's Masher Rosie 42374**

Sire King Francis of Linda Vista (18618) A. R.
Sire Jethro's May King of Linda Vista (14591) A. R.
Dam Imp. Ramée Rose II. (18925) A. R. 1670.
Dam Cold Brook's Lilly (24791).
Sire Combination of Maplehurst (10709) A. R.
Dam Cold Brook's Lilac (20476).
Breeder Mrs. Helene B. Bowlby, Bath, N. Y.
Owner W. G. Markham, Avon, N. Y.
Born Oct. 27, 1912. *Calved* Aug. 24, 1915. *Served* Aug. 25, 1916.
Requirement for admission: 281.30 lbs. butter fat.

Official year's record: 9791.80 lbs. milk; 586.83 lbs. butter fat.

Supervised by Cornell Agricultural Experiment Station, Ithaca, N. Y.

Year's Record		*Milk*	*Butter Fat*	
Sept.,	1915,	972.70 lbs.	4.88 %	47.47 lbs
Oct.,	"	1034.30 "	5.25 "	54.30 "
Nov.,	"	946.70 "	5.59 "	52.92 "
Dec.,	"	911.70 "	6.12 "	55.80 "
Jan.,	1916,	844.30 "	6.97 "	58.85 "
Feb.,	"	796.70 "	6.17 "	49.16 "
Mar.,	"	854.60 "	6.09 "	52.05 "
Apr.,	"	740.50 "	6.24 "	46.21 "
May,	"	769.80 "	6.81 "	52.42 "
June,	"	696.70 "	7.23 "	50.37 "
July,	"	661.00 "	5.41 "	35.76 "
Aug.,	"	562.80 "	5.60 "	31.52 "
Total		9791.80 lbs.	5.99 Av. %	586.83 lbs.

Feed

Sept., 1915. 11 lbs. grain daily of the following mixture: 3 lbs. bran, 1 lb. each hominy and oil meal, 2 lbs. ground oats, 4 lbs. Distillers' Grains; 3 lbs. beet pulp, 20 lbs. ensilage, 8 lbs. clover hay.
Oct., 1915. 12 lbs. grain daily of the following mixture: 200 lbs. bran, 150 lbs. ground oats, 250 lbs. Brewers' Grains, 75 lbs. oil meal, 50 lbs. hominy; ½ bushel beets, 20 lbs. ensilage, 10 lbs. alfalfa hay to the 15th then 10 lbs. clover hay.
Nov., 1915. 12 lbs. grain daily of the following mixture: 200 lbs. bran, 50 lbs. hominy, 150 lbs. ground oats, 250 lbs. Distillers' Grains, 75 lbs. oil meal; 1.5 bushel beets, 20 lbs. each ensilage and alfalfa hay.
Dec., 1915. 12 lbs. grain daily of the following mixture: 100 lbs. each bran and ground oats, 50 lbs. each hominy, gluten, cottonseed meal, and oil meal, 125 lbs. Distillers' Grains; 60 lbs. beets, 20 lbs. ensilage, 12 lbs. alfalfa hay.
Jan., 1916. 13 lbs. grain daily of the following mixture: 200 lbs. each bran, hominy, and oil meal, 250 lbs. ground oats, 100 lbs. cottonseed meal; 7 lbs. beets, 25 lbs. ensilage, 10 lbs. alfalfa hay.
Feb., 1916. 10 lbs. grain daily of same mixture as given in January; 10 lbs. beets, 32 lbs. ensilage, 8 lbs. hay.
Mar., 1916. 10 lbs. grain daily of equal parts bran, hominy, Ajax Flakes, gluten, and cottonseed meal; 30 lbs. ensilage, 12 lbs. mixed alfalfa hay.
Apr., 1916. 10 lbs. grain daily of equal parts bran, hominy, ground oats, gluten, cottonseed meal, and oil meal; 30 lbs. ensilage, 12 lbs. mixed hay.
May, 1916. 9.5 lbs. grain daily of equal parts bran, hominy, gluten, cottonseed meal, and oil meal; 35 lbs. ensilage, 12 lbs. mixed hay.
June, 1916. 7 lbs. grain daily of equal parts bran, hominy, Ajax Flakes, gluten, cottonseed meal, and oil meal; 22 lbs. ensilage, 12 lbs. hay.
July, 1916. 9 lbs. grain daily of equal parts bran, hominy, Distillers' Grains, Malt Grains, and gluten; 25 lbs. ensilage, 12 lbs. hay.
Aug., 1916. 10 lbs. grain daily same mixture as given in July; 30 lbs. ensilage, 12 lbs. hay.

4801 **Frances of Upper Freehold 45255**

Sire Spot's Son of Upper Freehold (15852) A. R.
Sire Jason of Haddon Straight Forward (7988).
Dam Spot of Upper Freehold (17237) A. R. 269.
Dam Altana of Upper Freehold (45248).
Sire Jason of Haddon Straight Forward (7988).
Dam Agatha of Upper Freehold (17213) A. R. 268.
Breeder R. T. Woodward, Creamridge, N. J.
Owner Homer F. Rundell, Livingston, Wis.
Born Dec. 24, 1912. *Calved* Sept. 9, 1915. *Served* Mar. 16, 1916.
Requirement for admission: 277.20 lbs. butter fat.

Official year's record: 9089.20 lbs. milk; 442.81 lbs. butter fat.

(Record from Sept. 18, 1915 to Sept. 17, 1916.)
Supervised by Wisconsin Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Sept.,	1915,	363.60 lbs.	4.66 %	16.94 lbs.
Oct.,	"	916.50 "	5.12 "	46.92 "
Nov.,	"	833.70 "	4.35 "	36.27 "
Dec.,	"	782.10 "	4.83 "	37.78 "
Jan.,	1916,	715.90 "	4.99 "	35.72 "
Feb.,	"	732.40 "	4.87 "	35.67 "
Mar.,	"	824.50 "	4.74 "	39.08 "
Apr.,	"	854.10 "	5.03 "	42.96 "
May,	"	921.80 "	4.62 "	42.59 "
June,	"	826.30 "	4.60 "	38.01 "
July,	"	612.40 "	4.83 "	29.58 "
Aug.,	"	476.30 "	5.85 "	27.86 "
Sept.,	"	229.60 "	5.85 "	13.43 "
Total		9089.20 lbs.	4.87 Av. %	442.81 lbs.

Feed

Sept., 1915. 9 lbs. grain daily of equal parts bran, ground barley, and ground oats; 8 lbs. alfalfa and clover hay, pasture.
Oct., 1915. 10 lbs. grain daily of equal parts bran, ground barley, and ground oats; 12 lbs. ensilage, 8 lbs. alfalfa and clover hay, pasture.
Nov., 1915. 9 lbs. grain daily, 8 lbs. of the following mixture with 1 lb. oil meal added: 1 part each bran, ground oats, and ground barley, .33 part gluten meal; 24 lbs. ensilage, 20 lbs. alfalfa hay.
Dec., 1915. Same ration as given in November.
Jan., 1916. Same ration as given in November.
Feb., 1916. 9.75 lbs. grain daily, 6 lbs. of the following mixture with 2 lbs. Ajax Flakes, .75 lb. oil meal, and 1 lb. molasses added: 1 part each bran, ground oats, ground barley, and gluten feed; 20 lbs. ensilage, 10 lbs. alfalfa hay.
Mar., 1916. Same ration as given in February.
Apr., 1916. Same ration as given in February.
May, 1916. Same ration as given in February except pasture in place of ensilage and hay.
June, 1916. Same ration as given in May.
July, 1916. Same ration as given in May.
Aug., 1916. Same ration as given in May.
Sept., 1916. Same ration as given in May.

4802 **Morning Star of Maple Row 21641**

Sire Robert Bloomingdale (6316) A. R.
Sire Prince Rosendale (4291) A. R.
Dam Laura Anne (10514).
Dam Lady Hellen Bush (13806).
Sire Bush (5390).
Dam Rosebush 2d (9854).
Breeder George Morlock, Watervliet, Mich.
Owner E. J. Smallidge, Eau Claire, Mich.
Born May 10, 1906. *Calved* Mar. 25, 1915. *Served* Nov. 8, 1915.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 9285.40 lbs. milk; 449.49 lbs. butter fat.

(Record from Mar. 28, 1915 to Mar. 27, 1916.)
Supervised by Michigan Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Mar.,	1915,	133.10 lbs.	5.36 %	7.13 lbs.
Apr.,	"	1235.70 "	4.14 "	51.16 "
May,	"	1356.80 "	4.23 "	57.39 "
June,	"	1207.60 "	4.19 "	50.60 "
July,	"	1086.20 "	4.44 "	48.23 "
Aug.,	"	911.20 "	5.04 "	45.92 "
Sept.,	"	743.60 "	5.28 "	39.26 "
Oct.,	"	624.40 "	5.51 "	34.40 "
Nov.,	"	507.60 "	6.05 "	30.71 "
Dec.,	"	455.20 "	5.63 "	25.63 "
Jan.,	1916,	382.40 "	5.88 "	22.49 "
Feb.,	"	324.00 "	5.69 "	18.47 "
Mar.,	"	317.60 "	5.69 "	18.10 "
Total		9285.40 lbs.	4.84 Av. %	449.49 lbs.

Feed

Mar., 1915. 6 lbs. grain daily of the following mixture: 400 lbs. bran, 600 lbs. corn meal, 300 lbs. each gluten, cottonseed meal, and oil meal; 25 lbs. ensilage, 10 lbs. mixed hay.
Apr., 1915. 8 lbs. grain daily of the following mixture: 2 lbs. bran, 2.67 lbs. corn meal, 1.33 lbs. each gluten and cottonseed meal, .67 lb. oil meal; 22 lbs. ensilage, 3 lbs. hay.
May, 1915. 14.6 lbs. grain daily of the following mixture: 300 lbs. bran, 100 lbs. middlings, 400 lbs. corn meal, 200 lbs. each gluten and cottonseed meal; 30 lbs. ensilage, pasture.
June, 1915. 14.45 lbs. grain daily of the following mixture: 1.8 lbs. each bran and cottonseed meal, 7.25 lbs. corn meal, 3.6 lbs. gluten; 30 lbs. ensilage, pasture.
July, 1915. 12 lbs. grain daily of the following mixture: 1.5 lbs. each bran and cottonseed meal, 6 lbs. corn meal, 3 lbs. gluten; 35 lbs. ensilage, 2 lbs. hay, pasture.
Aug., 1915. 12 lbs. grain daily of the following mixture: 1.5 lbs. each bran and cottonseed meal, 6 lbs. corn meal, 3 lbs. gluten; 30 lbs. ensilage, 3 lbs. hay.
Sept., 1915. 8 lbs. grain daily of the following mixture: 300 lbs. each bran and corn meal, 100 lbs. cottonseed meal; 25 lbs. ensilage, 4 lbs. hay.
Oct., 1915. 7 lbs. grain daily of the following mixture: 400 lbs. each bran and Badger Dairy Feed, 500 lbs. each corn meal and ground oats; 30 lbs. ensilage, 3 lbs. hay.
Nov., 1915. 7.5 lbs. grain daily of the following mixture: 50 lbs. corn meal, 100 lbs. ground oats, 150 lbs. each Ajax Flakes and Badger Dairy Feed; 30 lbs. ensilage, 5 lbs. hay.
Dec., 1915. 5.9 lbs. grain daily of the following mixture: 200 lbs. bran, 75 lbs. ground oats, 125 lbs. Ajax Flakes, 100 lbs. Unicorn Dairy Ration; 30 lbs. ensilage, 10 lbs. oat hay.
Jan., 1916. 7 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each ground oats, Badger Dairy Feed, and Unicorn Dairy Ration, 125 lbs. Ajax Flakes; 30 lbs. ensilage, 6 lbs. hay.
Feb., 1916. 8 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, ground oats, Ajax Flakes, and Unicorn Dairy Ration; 30 lbs. ensilage, 10 lbs. hay.
Mar., 1916. 5 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each corn meal, ground oats, Ajax Flakes, and Unicorn Dairy Ration; 25 lbs. ensilage, 8 lbs. hay.

4803 **Cleopatra of Eau Claire 40176**

Sire Sir Francis of Eau Claire (16274).
Sire Luralion (12897).
Dam Morning Star of Maple Row (21641) A. R. 4802.
Dam Loretta of Eau Claire (30795) A. R. 4178.
Sire Tribune Farmer (9827).
Dam Miranda O'Day (16031).
Breeder E. J. Smallidge, Eau Claire, Mich.
Owner E. J. Smallidge, Eau Claire, Mich.
Born Jan. 21, 1912. *Calved* Mar. 24, 1915. *Served* Oct. 14, 1915.
Requirement for admission: 293.40 lbs. butter fat.

Official year's record: 8681.10 lbs. milk; 459.94 lbs. butter fat.

(Record from Mar. 27, 1915 to Mar. 26, 1916.)
Supervised by Michigan Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Mar.,	1915,	130.50 lbs.	5.23 %	6.83 lbs.
Apr.,	"	1072.80 "	4.30 "	46.13 "
May,	"	1151.70 "	4.63 "	53.32 "
June,	"	1008.40 "	4.66 "	46.99 "
July,	"	949.90 "	4.92 "	46.74 "
Aug.,	"	809.10 "	5.44 "	44.02 "
Sept.,	"	673.90 "	5.25 "	35.38 "
Oct.,	"	585.60 "	6.01 "	35.19 "
Nov.,	"	516.80 "	6.71 "	34.68 "
Dec.,	"	524.30 "	6.27 "	32.87 "
Jan.,	1916,	485.90 "	6.22 "	30.22 "
Feb.,	"	440.20 "	6.16 "	27.12 "
Mar.,	"	332.00 "	6.16 "	20.45 "
Total		8681.10 lbs.	5.30 Av. %	459.94 lbs.

Feed

Mar., 1915. 8 lbs. grain daily of the following mixture: 400 lbs. bran, 600 lbs. corn meal, 300 lbs. each gluten, cottonseed meal, and oil meal; 30 lbs. ensilage, 10 lbs. mixed hay.
Apr., 1915. 8 lbs. grain daily of the following mixture: 2 lbs. bran, 2.67 lbs. corn meal, 1.33 lbs. each gluten and cottonseed meal, .67 lb. oil meal; 22 lbs. ensilage, 3 lbs. hay.
May, 1915. 12.4 lbs. grain daily of the following mixture: 300 lbs. bran, 100 lbs. middlings, 400 lbs. corn meal, 200 lbs. each gluten and cottonseed meal; 30 lbs. ensilage, pasture.
June, 1915. 10.9 lbs. grain daily of the following mixture: 1.3 lbs. bran, 5.5 lbs. corn meal, 2.7 lbs. gluten, 1.4 lbs. cottonseed meal; 30 lbs. ensilage, pasture.
July, 1915. 10 lbs. grain daily of the following mixture: 1.25 lbs. each bran and cottonseed meal, 5 lbs. corn meal, 2.5 lbs. gluten; 30 lbs. ensilage, 2 lbs. hay, pasture.
Aug., 1915. 8 lbs. grain daily of the following mixture: 1 lb. each bran and cottonseed meal, 4 lbs. corn meal, 2 lbs. gluten; 20 lbs. ensilage, 2 lbs. hay.
Sept., 1915. 8 lbs. grain daily of the following mixture: 300 lbs. each bran and corn meal, 100 lbs. cottonseed meal; 20 lbs. ensilage, 4 lbs. hay.
Oct., 1915. 7 lbs. grain daily of the following mixture: 400 lbs. each bran and Badger Dairy Feed, 500 lbs. each corn meal and ground oats; 25 lbs. ensilage, 3 lbs. hay.
Nov., 1915. 6 lbs. grain daily of the following mixture: 50 lbs. corn meal, 100 lbs. ground oats, 125 lbs. Ajax Flakes, 150 lbs. Badger Dairy Feed; 20 lbs. ensilage, 2 lbs. hay.
Dec., 1915. 6.8 lbs. grain daily of the following mixture: 200 lbs. bran, 75 lbs. ground oats, 125 lbs. Ajax Flakes, 100 lbs. Unicorn Dairy Ration; 30 lbs. ensilage, 10 lbs. oat hay.
Jan., 1916. 7 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each ground oats, Unicorn Dairy Ration, and Badger Dairy Feed, 125 lbs. Ajax Flakes; 30 lbs. ensilage, 6 lbs. hay.
Feb., 1916. 8 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, ground oats, Ajax Flakes, and Unicorn Dairy Ration; 30 lbs. ensilage, 10 lbs. hay.
Mar., 1916. 6 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each corn meal, ground oats, Ajax Flakes, and Unicorn Dairy Ration; 25 lbs. ensilage, 8 lbs. hay.

4804 **Princess of Crystal Pond 28665**

Sire Walter of Fairview 8985).
Sire Stamboul's Son (6155).
Dam Pauline Chief 2d (9825).
Dam Norah of Lansing (16758).
Sire Unigo of Maple Glen (6960).
Dam Belle S. of Fairview (16445).
Breeder Le Roy A. Buck, Groton, N. Y.
Owner Le Roy A. Buck, Groton, N. Y.
Born Oct. 27, 1907. *Calved* July 14, 1915. *Served* Jan. 7, 1916.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 9973.40 lbs. milk; 472.82 lbs. butter fat.

(Record from July 22, 1915 to July 21, 1916.)
Supervised under one day test by Cornell Agricultural Experiment Station, Ithaca, N. Y.

Year's Record		*Milk*	*Butter Fat*	
July,	1915,	411.40 lbs.	3.95 %	16.25 lbs.
Aug.,	"	1261.60 "	5.05 "	63.71 "
Sept.,	"	1058.80 "	3.87 "	40.98 "
Oct.,	"	1031.00 "	4.23 "	43.61 "
Nov.,	"	890.30 "	4.70 "	41.84 "
Dec.,	"	834.00 "	5.35 "	44.62 "
Jan.,	1916,	831.80 "	5.07 "	42.17 "
Feb.,	"	752.90 "	4.86 "	36.59 "
Mar.,	"	747.10 "	4.41 "	32.95 "
Apr.,	"	617.80 "	5.04 "	31.14 "
May,	"	670.20 "	5.16 "	34.58 "
June,	"	585.60 "	5.20 "	30.45 "
July,	"	280.90 "	4.96 "	13.93 "
Total		9973.40 lbs.	4.74 Av. %	472.82 lbs.

Feed

July, 1915. 105.1 lbs. grain of the following mixture: 15.1 lbs. ground corn and oats, 90 lbs. Union Grains; 19.8 lbs. beet pulp, green clover and alfalfa.
Aug., 1915. 482.1 lbs. grain of the following mix ure: 18.4 lbs. bran, 41.3 lbs. corn meal, 40.1 lbs. hominy, 47.9 lbs. ground oats, 314.1 lbs. Union Grains, 20.3 lbs. P. and G. Feed; 186 lbs. beet pulp, green clover and alfalfa, alfalfa hay.
Sept., 1915. 461.4 lbs. grain of the following mixture: 47 lbs. bran, 43.8 lbs. wheat middlings, 80.5 lbs. ground oats, 28 lbs. Brewers' Grains, 194.5 lbs. Union Grains, 61.6 lbs. Unicorn Dairy Ration, 6 lbs. oil meal; 60 lbs. beet pulp, green corn and al alfa, alfalfa hay.
Oct., 1915. 386.2 lbs. grain of the following mixture: 46.5 lbs. bran, 31 lbs. each wheat middlings and ground oats, 255 lbs. Union Grains, 6 lbs. cottonse d meal, 16.7 lbs. oil meal; 186 lbs. beet pulp, orn fodder, green alfalfa, and alfalfa hay.
Nov., 1915. 375.3 lbs. grain of the following mixture: 1.2 lbs. each middlings, ground oats, and oil meal, 371.7 lbs. Union Grains; 171 lbs. beet pulp, 125 lbs. roots, pumpkins, alfalfa hay, green alfalfa to the 13th.
Dec., 1915. 404.5 lbs. grain of the following mixture: 38.6 lbs. each corn meal and ground oats, 323.7 lbs. Union Grains, 3.6 lbs. oil meal; 139.5 lbs. beet pulp, 465 lbs. roots, corn stover and alfalfa hay.
Jan., 1916. 13 lbs. grain daily of the following mixture: 90 lbs. bran, 6 lbs. corn meal, 12 lbs. each hominy and cottonseed meal, 78 lbs. oats, 100 lbs. Ajax Flakes, 24 lbs. oil meal; corn stover, alfalfa and mixed hay.
Feb., 1916. 13 to 14 lbs. grain daily of the following mixture: 90 lbs. bran, 84 lbs. corn and oats, 100 lbs. Ajax Flakes, 12 lbs. each hominy and cottonseed meal, 24 lbs. oil meal; 186 lbs. beet pulp, alfalfa and mixed clover.
Mar., 1916. 13.5 lbs. grain daily o the following mixture: 50 lbs. each bran, ground oats, and Ajax Flakes, 25 lbs. each wheat middlings, gluten,cottonseed meal, and oil meal; 186 lbs. beet pulp, alfalfa and mixed clover hay.
Apr., 1916. 12.5 lbs. grain daily of the following mixture: 1 part of 50 lbs. each bran and buckwheat, 100 lbs. oats, 1 part Unicorn Dairy Ration to the 20th then Ajax Flakes, and 1 part of 100 lbs. ground corn and 200 lbs. ground oats; 186 lbs. beet pulp, alfalfa hay.
May, 1916. 10 to 12 lbs. grain daily of the following mixture: 135 lbs. buckwheat and ground oats, 50 lbs. hominy, 126 lbs. A ax Flakes, 125 lbs. Union Grains; alfalfa hay to the 9th, alfalfa hay and pasture from the 10th to the 19th, then pasture.
June, 1916. 9 to 11 lbs. grain daily of the following mixture: 124 lbs. ground oats and barley, 130 lbs. Ajax Flakes, 125 lbs. Union Grains; pasture.
July, 1916. 9.5 lbs. grain daily of the following mixture: 130 lbs. ground oats and barley, 125 lbs. Union Grains; pasture.

4805 Glenwood's Soso of Oak Ridge 47971

Sire Glenwood's Main Stay 18th (9860) A. R.
Sire Glenwood's Main Stay (6067) A. R.
Dam Nubiana Taylor 2d (18184) A. R. 322.
Dam Soso of Alfalfa Farms (31064) A. R. 1819.
Sire Glenwood's Champion (15639) A. R.
Dam Lady Gemsey 6th (31044) A. R. 1812.
Breeder Thomas F. Ryan, Oak Ridge, Va.
Owner Thomas F. Ryan, Oak Ridge, Va.
Sold Nov. 15, 1915 to Boswell & Ingham, Burkeville, Va.
Born June 16, 1912. *Calved* Aug. 15, 1915. *Served* Jan. 7, 1916.
Requirement for admission: 293.20 lbs. butter fat.

Official year's record: 8830.10 lbs. milk; 468.25 lbs. butter fat.

(Record from Aug. 18, 1915 to Aug. 17, 1916.)
Supervised under one day test by Virginia Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Aug.,	1915,	401.80 lbs.	4.55 %	18.28 lbs.
Sept.,	"	962.40 "	4.55 "	43.79 "
Oct.,	"	1125.50 "	4.82 "	54.25 "
Nov.,	"	1013.70 "	5.10 "	51.70 "
Dec.,	"	861.40 "	5.28 "	45.48 "
Jan.,	1916,	721.00 "	5.78 "	41.67 "
Feb.,	"	626.00 "	5.10 "	31.93 "
Mar.,	"	699.20 "	5.16 "	36.08 "
Apr.,	"	651.10 "	5.26 "	34.25 "
May,	"	592.40 "	6.51 "	38.57 "
June,	"	504.00 "	6.68 "	33.67 "
July,	"	460.40 "	5.66 "	26.06 "
Aug.,	"	211.20 "	5.93 "	12.52 "
Total		8830.10 lbs.	5.30 Av. %	468.25 lbs.

Feed

Aug., 1915. 11.5 lbs. grain daily of the following mixture: 2 lbs. bran, 1.5 lbs. each Brewers' Grains, gluten, and cottonseed meal, 4 lbs. ground oats, 1 lb. oil meal; 5 lbs. beet pulp, 15 lbs. hay.
Sept., 1915. Same ration as given in August with 20 lbs. ensilage added daily.
Oct., 1915. 11.5 lbs. grain daily of the following mixture: 2 lbs. bran, 4 lbs. ground oats, 1.5 lbs. each Ajax Flakes, Brewers' Grains, and cottonseed meal, 1 lb. oil meal; 5 lbs. beet pulp, 20 lbs. ensilage, 15 lbs. hay.
Nov., 1915. 14 lbs. grain daily of the following mixture: 2 lbs. each bran, Ajax Flakes, Brewers' Grains, and cottonseed meal, 5 lbs. ground oats, 1 lb. oil meal; 5 lbs. beet pulp, 15 lbs. ensilage, alfalfa hay.
Dec., 1915. Same ration as given in November to the 17th, then 8 lbs. Unicorn Dairy Ration daily; 30 lbs. ensilage, alfalfa hay.
Jan., 1916. 8 lbs. Unicorn Dairy Ration daily; 30 lbs. ensilage, alfalfa hay ad libitum.
Feb., 1916. 8 lbs. Unicorn Dairy Ration daily; 2 lbs. beet pulp, 30 lbs. ensilage, alfalfa hay ad libitum.
Mar., 1916. Same ration as given in February.
Apr., 1916. Same ration as given in February.
May, 1916. Same grain ration as given in February; pasture.
June, 1916. 8 lbs. Union Grains daily; pasture.
July, 1916. Same ration as given in June.
Aug., 1916. Same ration as given in June.

4806 Sequel's Gem of Suburban Farm 43973

Sire Imp. Sequel's Champion (16919) A. R.
Sire Imp. Sequel's Monogram (15649) A. R.
Dam On Guernsey Fan of the Quartiers (R. G. A. S. 2849 F. S.).
Dam Gem of Sunnyside (33575).
Sire Glenwood Marshall, Jr. (15576).
Dam Last Hope of Farlook (24433).
Breeder I. C. Blandy, Greenwich, N. Y.
Owner James H. Seaman, Glens Falls, N. Y.
Born Jan. 17, 1913. *Calved* Apr. 13, 1915. *Served* Dec. 4, 1915.
Requirement for admission: 261.30 lbs. butter fat.

Official year's record: 7256.76 lbs. milk; 311.82 lbs. butter fat.

(Record from May 6, 1915 to May 5, 1916.)
Supervised under one day test by Cornell Agricultural Experiment Station, Ithaca, N. Y.

Year's Record		*Milk*	*Butter Fat*	
May,	1915,	704.38 lbs.	3.73 %	26.27 lbs.
June,	"	808.63 "	3.14 "	25.39 "
July,	"	706.81 "	4.44 "	31.38 "
Aug.,	"	637.25 "	4.12 "	26.25 "
Sept.,	"	558.63 "	4.98 "	27.82 "
Oct.,	"	521.44 "	4.56 "	23.78 "
Nov.,	"	532.19 "	4.01 "	21.34 "
Dec.,	"	514.44 "	4.81 "	24.74 "
Jan.,	1916,	554.31 "	4.70 "	26.05 "
Feb.,	"	522.98 "	4.21 "	22.02 "
Mar.,	"	549.60 "	4.76 "	26.16 "
Apr.,	"	556.00 "	4.74 "	26.35 "
May,	"	90.10 "	4.74 "	4.27 "
Total		7256.76 lbs.	4.30 Av. %	311.82 lbs.

Feed

May, 1915. 12 lbs. grain daily of the following mixture: 200 lbs. each bran, hominy, and cottonseed meal, 300 lbs. Ajax Flakes, 100 lbs. Brewers' Grains; 1 peck roots, 15 lbs. ensilage, 10 lbs. mixed hay.
June, 1915. 12 to 15 lbs. Union Grains daily; 40 lbs. green oats and peas.
July, 1915. 12 lbs. Union Grains daily; 10 lbs. ensilage, 40 lbs. green oats and peas.
Aug., 1915. 12 lbs. Union Grains daily; 10 lbs. ensilage, 40 lbs. oats and peas or green clover.
Sept., 1915. 10 lbs. Union Grains daily; 30 lbs. ensilage, 40 lbs. green alfalfa and corn.
Oct., 1915. 10 lbs. Union Grains daily; 20 lbs. ensilage, 10 lbs. clover hay.
Nov., 1915. 10 lbs. grain daily of the following mixture: 100 lbs. each bran and oil meal, 200 lbs. each corn and cob meal and ground oats, 400 lbs. Ajax Flakes; 20 lbs. ensilage, 10 lbs. clover hay.
Dec., 1915. 8 lbs. grain daily of the following mixture: 200 lbs. corn and cob meal, 300 lbs. ground oats, 400 lbs. Ajax Flakes, 100 lbs. oil meal; 20 lbs. ensilage, 10 lbs. clover hay.
Jan., 1916. 9 lbs. grain daily of the following mixture: 200 lbs. hominy, 300 lbs. ground oats, 400 lbs. Ajax Flakes, 50 lbs. each cottonseed meal and oil meal; 20 lbs. ensilage, 10 lbs. clover hay.
Feb., 1916. 8 lbs. grain daily of the following mixture: 100 lbs. hominy, 150 lbs. ground oats, 200 lbs. Ajax Flakes, 50 lbs. each cottonseed meal and oil meal; 15 lbs. ensilage, 10 lbs. mixed hay.
Mar., 1916. Same ration as given in February.
Apr., 1916. 9 lbs. grain daily same mixture as given in February; 10 lbs. ensilage, 8 lbs. clover hay.
May, 1916. Same grain ration as given in February; 8 lbs. ensilage, 6 lbs. clover hay.

4807 Estella of Riverland 36832

Sire Tony of Prospect Hill (16212) A. R.
Sire One Eyed Tony (14731).
Dam Estella Cooper 2d (22380).
Dam Estella of Prospect Hill (24008).
Sire Glenwood of Prospect Hill (11954).
Dam Estella Cooper 2d (22380).
Breeder Joseph Cooper & Son, Perry Center, N. Y.
Owner James H. Seaman, Glens Falls, N. Y.
Born Dec. 21, 1910. *Calved* May 16, 1915. *Served* Dec. 2, 1915.
Requirement for admission: 338.50 lbs. butter fat.

Official year's record: 9331.09 lbs. milk; 573.72 lbs. butter fat.

(Record from May 21, 1915 to May 20, 1916.)
Supervised under one day test by Cornell Agricultural Experiment Station, Ithaca, N. Y.

Year's Record		*Milk*	*Butter Fat*	
May,	1915,	346.88 lbs.	5.79 %	20.08 lbs.
June,	"	1041.19 "	5.08 "	52.89 "
July,	"	912.88 "	5.38 "	49.11 "
Aug.,	"	882.06 "	5.94 "	52.39 "
Sept.,	"	798.10 "	6.79 "	54.19 "
Oct.,	"	743.20 "	5.94 "	44.14 "
Nov.,	"	698.00 "	6.36 "	44.39 "
Dec.,	"	721.19 "	6.79 "	48.97 "
Jan.,	1916,	724.19 "	6.18 "	44.75 "
Feb.,	"	654.50 "	6.08 "	39.79 "
Mar.,	"	679.70 "	7.00 "	47.58 "
Apr.,	"	691.60 "	6.77 "	46.82 "
May,	"	437.60 "	6.54 "	28.62 "
Total		9331.09 lbs.	6.15 Av. %	573.72 lbs.

Feed

May, 1915. 12 lbs. grain daily of the following mixture: 200 lbs. each bran, hominy, and cottonseed meal, 300 lbs. Ajax Flakes, 100 lbs. Brewers' Grains; 1 peck roots, 15 lbs. ensilage, 10 lbs. hay.
June, 1915. 15 lbs. Union Grains daily; 40 to 50 lbs. green oats and peas.
July, 1915. 15 lbs. Union Grains daily; 10 lbs. ensilage, 50 lbs. green oats and peas.
Aug., 1915. 12 lbs. Union Grains daily; 10 lbs. ensilage, 40 lbs. oats and peas or green clover.
Sept., 1915. 12 lbs. Union Grains daily; 30 lbs. ensilage, 40 lbs. green corn and alfalfa.
Oct., 1915. 10 lbs. Union Grains daily; 20 lbs. ensilage, 10 lbs. clover hay.
Nov., 1915. 10 lbs. grain daily of the following mixture: 100 lbs. bran, 200 lbs. each corn and cob meal, ground oats, and oil meal, 400 lbs. Ajax Flakes; 20 lbs. ensilage, 10 lbs. clover hay.
Dec., 1915. 10 lbs. grain daily of the following mixture: 200 lbs. corn and cob meal, 300 lbs. ground oats, 400 lbs. Ajax Flakes, 100 lbs. oil meal; 25 lbs. ensilage, 10 lbs. clover hay.
Jan., 1916. 10 lbs. grain daily of the following mixture: 200 lbs. hominy, 300 lbs. ground oats, 400 lbs. Ajax Flakes, 50 lbs. each cottonseed meal and oil meal; 25 lbs. ensilage, 10 lbs. clover hay.
Feb., 1916. 9 lbs. grain daily of the following mixture: 100 lbs. hominy, 150 lbs. ground oats, 200 lbs. Ajax Flakes, 50 lbs. each cottonseed meal and oil meal; 20 lbs. ensilage, 10 lbs. mixed hay.
Mar., 1916. Same ration as given in February.
Apr., 1916. 10 lbs. grain daily same mixture as given in February; 12 lbs. ensilage, 8 lbs. clover hay.
May, 1916. Same grain ration as given in February; 10 lbs. ensilage, 8 lbs. clover hay.

4808 Sequel's Coral of Highway 38940

Sire Ramée's Boy (14462).
Sire Imp. Ramée's Sequel (10463) A. R.
Dam Rose Norman (17656) A. R. 704.
Dam Cora's Coral (22603).
Sire Hope's Anchor (7790).
Dam Coranna's Cora (17884).
Breeder John W. Little, Hanover, Pa.
Owner W. J. Higdon, Tulare, Cal.
Born Jan. 26, 1912. *Calved* Aug. 5, 1915. *Served* Dec. 19, 1915.
Requirement for admission: 307.30 lbs. butter fat.

Official year's record: 10055.20 lbs. milk; 455.77 lbs. butter fat.

(Record from Aug. 18, 1915 to Aug. 17, 1916.)
Supervised under one day test by California Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Aug.,	1915,	492.90 lbs.	5.06 %	24.94 lbs.
Sept.,	"	1123.70 "	4.42 "	49.67 "
Oct.,	"	1007.10 "	4.35 "	43.81 "
Nov.,	"	818.60 "	4.88 "	39.95 "
Dec.,	"	828.20 "	4.36 "	35.94 "
Jan.,	1916,	751.30 "	4.29 "	32.23 "
Feb.,	"	736.20 "	4.77 "	35.12 "
Mar.,	"	853.80 "	4.40 "	37.57 "
Apr.,	"	897.30 "	4.35 "	39.03 "
May,	"	763.50 "	4.65 "	35.50 "
June,	"	686.30 "	4.65 "	31.91 "
July,	"	730.70 "	4.57 "	33.39 "
Aug.,	"	365.60 "	4.57 "	16.71 "
Total		10055.20 lbs.	4.53 Av. %	455.77 lbs.

Feed

Aug., 1915. 8 lbs. ground barley daily; 6 lbs. beet pulp, alfalfa hay and pasture.
Sept., 1915. 7 lbs. ground barley daily to the 19th, then 10.5 lbs.; 6 lbs. beet pulp with pasture to the 19th, then 9 lbs. beet pulp with alfalfa hay.
Oct., 1915. 10.5 lbs. ground barley daily to the 3d, then 7 lbs.; 9 lbs. beet pulp with alfalfa hay to the 3d, then 6 lbs. beet pulp with pasture.
Nov., 1915. 7 lbs. ground barley daily; 6 lbs. beet pulp, hay and pasture.
Dec., 1915. 10 lbs. grain daily of 3 lbs. bran and 7 lbs. ground barley; 6 lbs. beet pulp, hay and pasture.
Jan., 1916. 7 lbs. ground barley daily; 6 lbs. beet pulp, alfalfa hay and pasture.
Feb., 1916. Same ration as given in January.
Mar., 1916. 6 lbs. ground barley daily; 6 lbs. beet pulp, alfalfa hay and pasture.
Apr., 1916. Same ration as given in March.
May, 1916. 6 lbs. ground barley daily; 7 to 10 lbs. alfalfa foxtail after the 14th, alfalfa hay and pasture.
June, 1916. 6 lbs. ground barley daily; 10 lbs. alfalfa foxtail to the 23d, alfalfa hay and pasture.
July, 1916. 6 lbs. ground barley daily; alfalfa hay and pasture.
Aug., 1916. 6 lbs. ground barley daily; alfalfa hay and pasture.

4809 Lovice of Linden Home 23008

Sire Glenwood's Reputation (7687) A. R.
Sire Glenwood's Main Stay (6067) A. R.
Dam Glenwood Girl 2d (9108).
Dam Jeweller's Fantine (14714).
Sire Lily Ella's Jeweller (5417) A. R.
Dam Lady of Lind Wood (7334).
Breeder Charles Solveson, Nashotah, Wis.
Owner W. H. Dupee, Santee, Cal.
Born Feb. 21, 1907. *Calved* June 10, 1915. *Served* Oct. 12, 1915.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 9753.70 lbs. milk; 440.52 lbs. butter fat.

(Record from June 13, 1915 to June 12, 1916.)
Supervised by California Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
June,	1915,	656.00 lbs.	4.61 %	30.24 lbs.
July,	"	1187.40 "	4.34 "	51.53 "
Aug.,	"	998.40 "	4.41 "	44.03 "
Sept.,	"	876.40 "	4.39 "	38.47 "
Oct.,	"	813.10 "	4.69 "	38.13 "
Nov.,	"	770.90 "	4.40 "	33.92 "
Dec.,	"	754.70 "	4.60 "	34.72 "
Jan.,	1916,	678.00 "	4.47 "	30.31 "
Feb.,	"	641.50 "	4.34 "	27.84 "
Mar.,	"	691.80 "	4.48 "	30.99 "
Apr.,	"	703.20 "	4.55 "	32.00 "
May,	"	702.90 "	4.99 "	35.07 "
June,	"	279.40 "	4.75 "	13.27 "
Total		9753.70 lbs.	4.52 Av. %	440.52 lbs.

Feed

June, 1915. 9 lbs. grain daily of the following mixture with .5 lb. molasses added: 480 lbs. bran, 100 lbs. each corn meal and cottonseed meal, 300 lbs. ground oats, 200 lbs. soy bean meal; green alfalfa and alfalfa hay.
July, 1915. 10.5 lbs. grain daily of the following mixture with .5 lb. molasses added: 400 lbs. bran, 100 lbs. each corn meal and cottonseed meal, 300 lbs. ground oats, 200 lbs. soy bean meal; green alfalfa and alfalfa hay.
Aug., 1915. 9 lbs. grain daily of the following mixture with .5 lb. molasses added from the 1st to the 15th: 400 lbs. bran, 200 lbs. corn meal, 350 lbs. ground oats, 100 lbs. each cottonseed meal and soy bean meal; 25 lbs. beets, green corn ensilage and alfalfa hay.
Sept., 1915. Same grain ration as August with .5 lb. molasses added daily; green alfalfa and alfalfa hay.
Oct., 1915. Same grain ration as given in August with .5 lb. molasses added daily; 15 lbs. beets, ensilage, green alfalfa and alfalfa hay.
Nov., 1915. 10 lbs. grain daily same mixture as given in August with .5 lb. molasses added; 15 lbs. each beets and ensilage, alfalfa hay.
Dec., 1915. Same grain ration as given in August; 6 lbs. beet pulp, 15 lbs. ensilage, 10 lbs. alfalfa hay.
Jan., 1916. Same grain ration as given in August with 1 lb. molasses added daily; 15 lbs. ensilage, 10 lbs. alfalfa hay.
Feb., 1916. 13.5 lbs. grain daily of the following mixture with 1 lb. molasses added: 5 lbs. bran, 1 lb. corn meal, 4 lbs. ground oats, 2 lbs. soy bean meal, 1.5 lbs. cotton seed meal; 4 lbs. beet pulp, 25 lbs. ensilage, 5 lbs. oat hay, 10 lbs. alfalfa hay.
Mar., 1916 14 lbs. grain daily of the following mixture with 1 lb. molasses added: 5 lbs. bran, 1 lb. each corn meal and oil meal, 4 lbs. ground oats, 1.5 lbs. each cottonseed meal and soy bean meal; 25 lbs. ensilage, 4 lbs. green alfalfa, 5 lbs. oat hay, 10 lbs. alfalfa hay.
Apr., 1916. Same ration as given in March.
May, 1916. 13 lbs. grain daily of the following mixture: 4 lbs. each bran and ground oats, 1 lb. corn meal, 1.5 lbs. cottonseed meal, .5 lb. oil meal, 2 lbs. soy bean meal; 3 lbs. beet pulp, 25 lbs. ensilage, 7 lbs. green alfalfa, 6 lbs. oat hay, 10 lbs. alfalfa hay.
June, 1916. Same ration as given in May.

4810 Imp. Raymond's Beauty 29402

Sire Imp. Raymond of the Préel VI. (14360) A. R.
Sire Imp. Raymond of the Préel (11353) A. R.
Dam On Guernsey Flora of the Effards (R. G. A. S. 2773 F. S.).
Dam Imp. Beauty of the Friquet (35764).
Sire On Guernsey Manifesto (R. G. A. S. 1369 P. S.).
Dam On Guernsey Lady Jane of the Barras (R. G. A. S. 5218 P. S.).
Breeder John Sherwill, Island of Guernsey.
Owner W. H. Dupee, Santee, Cal.
Born Aug. 12, 1909. *Calved* Apr. 2, 1915. *Served* Dec. 4, 1915.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 9990.70 lbs. milk; 449.88 lbs. butter fat.

(Record from Apr. 7, 1915 to Apr. 6, 1916.)
Supervised by California Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Apr.,	1915,	903.90 lbs.	4.02 %	36.34 lbs.
May,	"	1159.80 "	3.59 "	41.64 "
June,	"	1179.10 "	4.67 "	55.06 "
July,	"	1128.10 "	4.54 "	51.22 "
Aug.,	"	928.00 "	4.12 "	38.23 "
Sept.,	"	838.80 "	4.94 "	41.44 "
Oct.,	"	858.80 "	4.61 "	39.59 "
Nov.,	"	640.80 "	4.85 "	31.08 "
Dec.,	"	541.40 "	5.89 "	31.89 "
Jan.,	1916,	577.00 "	5.04 "	29.08 "
Feb.,	"	580.80 "	4.19 "	24.34 "
Mar.,	"	548.80 "	4.58 "	25.14 "
Apr.,	"	105.40 "	4.58 "	4.83 "
Total		9990.70 lbs.	4.50 Av. %	449.88 lbs.

Feed

Apr., 1915. 9 lbs. grain daily of the following mixture with .5 lb. molasses added: 420 lbs. bran, 100 lbs. each corn meal, ground barley, soy bean meal, and cottonseed meal, 350 lbs. ground oats; ensilage, green feed, and alfalfa hay.
May, 1915. 14 lbs. grain daily of the following mixture with .5 lb. molasses added: 480 lbs. bran, 100 lbs. each corn meal and cottonseed meal, 300 lbs. ground oats, 200 lbs. soy bean meal; green alfalfa and alfalfa hay.
June, 1915. Same ration as given in May.
July, 1915. 15 lbs. grain daily of the following mixture with .5 lb. molasses added: 400 lbs. bran, 100 lbs. each corn meal and cottonseed meal, 300 lbs. ground oats, 200 lbs. soy bean meal; green alfalfa and alfalfa hay.
Aug., 1915. 12 lbs. grain daily of the following mixture with .5 lb. molasses added from the 1st to the 15th: 400 lbs. bran, 200 lbs. corn meal, 350 lbs. ground oats, 100 lbs. each cottonseed meal and soy bean meal; 30 lbs. beets, green corn ensilage and alfalfa hay.
Sept., 1915. Same grain ration as given in August with .5 lb. molasses added daily; green alfalfa and alfalfa hay.
Oct., 1915. 13 lbs. grain daily same mixture as given in August; .5 lb. molasses, 15 lbs. beets, ensilage, green alfalfa, and alfalfa hay.
Nov., 1915. Same grain ration as given in August with .5 lb. molasses added daily; 15 lbs. each beets and ensilage, alfalfa hay.
Dec., 1915. 10 lbs. grain daily same mixture as given in August; 5 lbs. beet pulp, 15 lbs. ensilage, 10 lbs. alfalfa hay.
Jan., 1916. 12 lbs. grain daily of the following mixture: 400 lbs. bran, 200 lbs. corn meal, 350 lbs. ground oats, 100 lbs. each cottonseed meal and soy bean meal; 3 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. alfalfa hay.
Feb., 1916. 13 lbs. grain daily of the following mixture with 1 lb. molasses added: 5 lbs. bran, 1 lb. each corn meal and cottonseed meal, 4 lbs. ground oats, 2 lbs. soy bean meal; 3 lbs. beet pulp, 20 lbs. ensilage, 5 lbs. oat hay, 10 lbs. alfalfa hay.
Mar., 1916. 15 lbs. grain daily of the following mixture with 1 lb. molasses added: 5 lbs. each bran and ground oats, 1 lb. each corn meal, cottonseed meal, and oil meal, 2 lbs. soy bean meal; 30 lbs. ensilage, 5 lbs. each green alfalfa and oat hay, 10 lbs. alfalfa hay.
Apr., 1916. Same ration as given in March except 1 lb. less green alfalfa.

4811 Imp. Donnington Goldie 5th 59866

Sire Donnington Jack (2128 E. G. H. B.).
Sire Lord Howe of Warren Wood (1962).
Dam Donnington Honeydew (7236).
Dam Donnington Goldie (6854 E. G. H. B.).
Sire Roland of Seaview 11th (1710 E. G. H. B.) A. R.
Dam Donnington Violet (5089 E. G. H. B.).
Breeder Arthur C. Harris, England.
Owner Walter H. Dupee, Santee, Cal.
Born July 15, 1913. *Calved* Aug. 9, 1915.
Requirement for admission: 258.70 lbs. butter fat.

Official year's record: 6513.70 lbs. milk; 277.31 lbs. butter fat.

(Record from Oct. 6, 1915 to Oct. 5, 1916.)
Supervised by California Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Oct.,	1915,	1043.20 lbs.	3.47 %	36.20 lbs.
Nov.,	"	1071.80 "	4.29 "	45.98 "
Dec.,	"	1056.00 "	4.50 "	47.52 "
Jan.,	1916,	1147.10 "	4.50 "	51.62 "
Feb.,	"	1068.40 "	4.49 "	47.97 "
Mar.,	"	1127.20 "	4.26 "	48.02 "
*Apr.,	"			
*May,	"			
*June,	"			
*July,	"			
*Aug.,	"			
*Sept.,	"			
*Oct.,	"			
Total		6513.70 lbs.	4.26 Av. %	277.31 lbs.

*No records given for these months.

Feed

Oct., 1915. 12 lbs. grain daily of the following mixture: 300 lbs. bran, 270 lbs. ground oats, 100 lbs. corn meal, 50 lbs. oil meal; 15 lbs. beets, alfalfa and oat hay.
Nov., 1915. 14 lbs. grain daily of the following mixture with .75 lb. molasses added: 500 lbs. each bran and ground oats, 200 lbs. each corn meal and soy bean meal, 100 lbs. cottonseed meal; 20 lbs. beets, 7 lbs. ensilage, 10 lbs. alfalfa hay.
Dec., 1915. 13 lbs. grain daily of the following mixture: 5 lbs. bran, 1 lb. each corn meal and cottonseed meal, 4 lbs. ground oats, 2 lbs. soy bean meal; 6 lbs. beet pulp, 5 lbs. ensilage, 8 lbs. oat hay, 10 lbs. alfalfa hay.
Jan., 1916. 13 lbs. grain daily of the following mixture with 1 lb. molasses added: 5 lbs. bran, 1 lb. each corn meal and cottonseed meal, 4 lbs. ground oats, 2 lbs. soy bean meal; 3 lbs. beet pulp, 18 lbs. ensilage, 5 lbs. oat hay, 10 lbs. alfalfa hay.
Feb., 1916. Same grain ration as given in January with 1 lb. molasses added daily; 4 lbs. beet pulp, 15 lbs. ensilage, 6 lbs. oat hay, 10 lbs. alfalfa hay.
Mar., 1916. Same grain ration as given in January with 1 lb. molasses added daily; 15 lbs. ensilage, 5 lbs. oat hay, 4 lbs. green barley, 10 lbs. alfalfa hay.

4812 Masher's Lucky Lassie 50659

Sire Richmond Signor (18652) A. R.
Sire Masher's Sequel 3d (13031).
Dam Lura Maud (20372) A. R. 1545.
Dam Dousman's Lucky Lassie (36975) A. R. 3958.
Sire Derilius of Waukesha (10730).
Dam Cora Guernsey (20367).
Breeder H. N. Longley, Dousman, Wis.
Owner H. N. Longley, Dousman, Wis.
Born Oct. 20, 1913. *Calved* Oct. 31, 1915. *Served* Oct. 10, 1916.
Requirement for admission: 251.60 lbs. butter fat.

Official year's record: 6366.30 lbs. milk; 312.27 lbs. butter fat.

Supervised by Wisconsin Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Nov.,	1915,	600.20 lbs.	4.76 %	28.57 lbs.
Dec.,	"	645.10 "	4.17 "	26.90 "
Jan.,	1916,	590.00 "	4.58 "	27.02 "
Feb.,	"	518.60 "	4.71 "	24.43 "
Mar.,	"	540.50 "	4.85 "	26.21 "
Apr.,	"	517.40 "	4.83 "	24.99 "
May,	"	547.00 "	5.06 "	27.68 "
June,	"	522.80 "	5.40 "	28.23 "
July,	"	483.70 "	5.05 "	24.43 "
Aug.,	"	488.10 "	4.78 "	23.33 "
Sept.,	"	470.40 "	5.52 "	25.97 "
Oct.,	"	442.50 "	5.54 "	24.51 "
Total		6366.30 lbs.	4.91 Av. %	312.27 lbs.

Feed

Nov., 1915. 6 lbs. grain daily of the following mixture: 100 lbs. each bran and ground oats, 50 lbs. Unicorn Dairy Ration; 20 lbs. ensilage, 10 lbs. corn fodder, 12 lbs. alfalfa hay.
Dec., 1915. Same ration as given in November.
Jan., 1916. 10 lbs. grain daily same mixture as given in November; 20 lbs. ensilage, 10 lbs. corn fodder, alfalfa hay.
Feb., 1916. Same ration as given in January.
Mar., 1916. 11 lbs. grain daily, 10 lbs. of same mixture as given in November with 1 lb. oil meal added; 25 lbs. ensilage, 8 lbs. corn stover, alfalfa hay.
Apr., 1916. 11 lbs. grain daily, 10 lbs. of the following mixture with 1 lb. oil meal added: 300 lbs. bran, 100 lbs. each ground oats and Unicorn Dairy Ration; 25 lbs. ensilage, 10 lbs. corn stover, alfalfa hay.
May, 1916. Same ration as given in April to the 20th, then 5 lbs. of same mixture with pasture.
June, 1916. 3 lbs. grain daily of the following mixture: 100 lbs. each bran and Unicorn Dairy Ration, 50 lbs. each ground corn and ground oats; pasture.
July, 1916. Same ration as given in June with alfalfa hay added.
Aug., 1916. 3 lbs. grain daily of the following mixture: 100 lbs. each bran and Ajax Flakes, 50 lbs. each ground corn and ground oats; 2 lbs. beet pulp, alfalfa hay and pasture with 20 lbs. green corn fodder after the 10th.
Sept., 1916. 4 lbs. grain daily same mixture as given in August; 20 lbs. green corn fodder, alfalfa hay and pasture.
Oct., 1916. 5 lbs. grain daily of the following mixture: 100 lbs. each bran and ground oats, 50 lbs. Ajax Flakes; 20 lbs. corn fodder, alfalfa hay and pasture.

4813 Bijou of Ingalls Farm 49821

Sire Royal Ruhl of Ingalls Farm (19746).
Sire Empire of Birchwood (12469).
Dam Silver Ruhl (26157).
Dam Imp. Miranda's Star of Lewison (27751).
Sire Imp. Bijou's Star (13829) A. R.
Dam Imp. Miranda of les Câches (26642).
Breeder Fred M. Ingalls, Fond du Lac, Wis.
Owner Ingalls Farm Company, Fond du Lac, Wis.
Born Sept. 6, 1913. *Calved* Oct. 25, 1915. *Served* June 9, 1916.
Requirement for admission: 256.00 lbs. butter fat.

Official year's record: 7445.80 lbs. milk; 333.25 lbs. butter fat.

Supervised under one day test by Wisconsin Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Nov.,	1915,	708.20 lbs.	4.38 %	31.02 lbs.
Dec.,	"	717.20 "	4.05 "	29.05 "
Jan.,	1916,	720.60 "	3.94 "	28.39 "
Feb.,	"	636.40 "	3.60 "	22.91 "
Mar.,	"	673.00 "	4.28 "	28.80 "
Apr.,	"	654.10 "	4.26 "	27.86 "
May,	"	691.80 "	5.33 "	36.87 "
June,	"	688.60 "	5.40 "	37.18 "
July,	"	623.00 "	4.19 "	26.10 "
Aug.,	"	526.60 "	4.98 "	26.22 "
Sept.,	"	444.60 "	4.98 "	22.14 "
Oct.,	"	361.70 "	4.62 "	16.71 "
Total		7445.80 lbs.	4.48 Av. %	333.25 lbs.

Feed

Nov., 1915. 6 lbs. grain daily of the following mixture: 300 lbs. each bran, corn meal, hominy, ground oats, ground barley, and gluten, 100 lbs. oil meal; corn in field to the 20th then ensilage, alfalfa and clover hay.
Dec., 1915. Same grain ration as given in November; ensilage, alsike and red clover, alfalfa hay.
Jan., 1916. 6 lbs. grain daily of the following mixture: 1000 lbs. bran, 400 lbs. each corn meal and ground oats, 200 lbs. each gluten and oil meal; ensilage, alsike and red clover, alfalfa hay.
Feb., 1916. 6 lbs. grain daily of the following mixture: 800 lbs. bran, 300 lbs. each corn meal and ground oats, 200 lbs. gluten, 100 lbs. oil meal; ensilage, mixed clover and alfalfa hay.
Mar., 1916. Same ration as given in February.
Apr., 1916. 6 lbs. grain daily of the following mixture: 500 lbs. bran, 100 lbs. each corn meal, hominy, ground oats, and oil meal; ensilage, alfalfa and clover hay.
May, 1916. 6 lbs. grain daily to the 17th, then 3 lbs., of the following mixture: 400 lbs. bran, 100 lbs. each corn meal, hominy, and oil meal; ensilage, alfalfa and clover hay to the 15th then pasture.
June, 1916. Pasture.
July, 1916. Pasture with 1 lb. grain daily of the following mixture after the 20th: 200 lbs. bran, 100 lbs. each hominy and oil meal.
Aug., 1916. 2 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each hominy, Schumacher Feed, alfalfa meal, and oil meal; pasture.
Sept., 1916. Same grain ration as given in August with 100 lbs. ground oats added to mixture; pasture.
Oct., 1916. 2 lbs. grain daily of the following mixture: 400 lbs. bran, 100 lbs. each hominy, gluten, and oil meal, 200 lbs. ground oats; pasture with clover hay after the 20th.

4814 Imp. Comma of Sarnia 46576

Sire On Guernsey Defenser (R. G. A. S. 2152 P. S.) A. R.
Sire Imp. Galaxy's Sequel (16904) A. R.
Dam Imp. France's Masher's Sylph (24825) A. R. 1618.
Dam On Guernsey Mole (R. G. A. S. 4116 F. S.).
Sire On Guernsey.
Dam On Guernsey.
Breeder C. R. Molesworth, Island of Guernsey.
Owner March & McGrew, Dassel, Minn.
Born Jan. 23, 1912. *Calved* Sept. 15, 1915. *Served* May 2, 1916.
Requirement for admission: 310.40 lbs. butter fat.

Official year's record: 8283.10 lbs. milk; 402.22 lbs. butter fat.

(Record from Sept. 15, 1915 to Sept. 14, 1916.)
Supervised by Minnesota Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Sept.,	1915,	471.70 lbs.	4.98 %	23.49 lbs.
Oct.,	"	1085.60 "	4.51 "	48.96 "
Nov.,	"	897.70 "	5.40 "	48.48 "
Dec.,	"	800.20 "	4.74 "	37.93 "
Jan.,	1916,	734.90 "	4.89 "	35.94 "
Feb.,	"	633.00 "	5.07 "	32.09 "
Mar.,	"	668.50 "	4.75 "	31.75 "
Apr.,	"	612.50 "	4.91 "	30.07 "
May,	"	600.90 "	5.08 "	30.53 "
June,	"	688.70 "	4.37 "	30.10 "
July,	"	511.30 "	4.78 "	24.44 "
Aug.,	"	397.60 "	4.31 "	17.14 "
Sept.,	"	180.50 "	6.26 "	11.30 "
Total		8283.10 lbs.	4.86 Av. %	402.22 lbs

Feed

Sept., 1915. Equal parts ground oats and barley; alfalfa hay and pasture.
Oct., 1915. 10 lbs. grain daily of equal parts corn meal and ground oats; 6 to 10 lbs. alfalfa hay after the 15th, pasture.
Nov., 1915. 8 lbs. grain daily of equal parts ground oats and barley; 25 lbs. ensilage, 15 lbs. alfalfa hay.
Dec., 1915. Same ration as given in November.
Jan., 1916. 7 lbs. grain daily of 4 lbs. ground oats and 3 lbs. barley; 25 lbs. ensilage, 15 lbs. alfalfa hay.
Feb., 1916. Same ration as given in January.
Mar., 1916. 10 lbs. grain daily of 6 lbs. ground oats and 4 lbs. barley; 25 lbs. ensilage, 15 lbs. alfalfa hay.
Apr., 1916. 8 lbs. grain daily of 3 lbs. corn meal and 5 lbs. ground oats; 25 lbs. ensilage, 15 lbs. alfalfa hay.
May, 1916. 7 lbs. grain daily of 3 lbs. corn meal and 4 lbs. ground oats; 25 lbs. ensilage, 15 lbs. alfalfa hay.
June, 1916. Pasture.
July, 1916. Pasture.
Aug., 1916. Pasture with 8 lbs. alfalfa hay after the 15th.
Sept., 1916. Clover pasture and alfalfa hay.

4815 Duchess of Thorn Hill 44952

Sire Jewel's Royal Combination of Wawa (15655) A. R.
Sire Imp. France's Jewel V. (11396) A. R.
Dam Jewel of Haddon (11259) A. R. 92.
Dam Imp. Richesse VII. of the Duveaux (28542) A. R. 2829.
Sire On Guernsey Majestic (R. G. A. S. 1723 P. S.).
Dam On Guernsey Richesse of the Duveaux (R. G. A. S. 2669 F. S.).
Breeder August Ziesing, Chicago, Ill.
Owner August Ziesing, Chicago, Ill.
Born Mar. 21, 1913. *Calved* Sept. 26, 1915. *Served* Mar. 17, 1916.
Requirement for admission: 269.80 lbs. butter fat.

Official year's record: 6261.60 lbs. milk; 339.23 lbs. butter fat.

Supervised by Illinois Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Oct.,	1915,	610.50 lbs.	5.10 %	31.14 lbs.
Nov.,	"	618.30 "	4.69 "	29.00 "
Dec.,	"	583.70 "	5.13 "	29.94 "
Jan.,	1916,	551.30 "	5.43 "	29.94 "
Feb.,	"	500.90 "	5.64 "	28.25 "
Mar.,	"	516.00 "	5.42 "	27.97 "
Apr.,	"	535.30 "	5.40 "	28.91 "
May,	"	572.80 "	5.37 "	30.76 "
June,	"	530.60 "	5.31 "	28.17 "
July,	"	458.10 "	5.77 "	26.43 "
Aug.,	"	426.80 "	6.35 "	27.10 "
Sept.,	"	357.30 "	6.05 "	21.62 "
Total		6261.60 lbs.	5.42 Av. %	339.23 lbs.

Feed

Oct., 1915. 7 lbs. grain daily of the following mixture: 500 lbs. each bran and ground corn and oats, 100 lbs. each cottonseed meal and oil meal; corn fodder, clover hay, and pasture.
Nov., 1915. Same grain ration as given in October; 30 lbs. ensilage, corn fodder and clover hay.
Dec., 1915. 7 lbs. grain daily of the following mixture: 400 lbs. bran, 600 lbs. ground corn and oats, 50 lbs. cottonseed meal, 100 lbs. oil meal; 30 lbs. ensilage, corn fodder, alfalfa and clover hay.
Jan., 1916. Same ration as given in December.
Feb., 1916. 8 lbs. grain daily of same mixture as given in December; 30 lbs. ensilage, corn fodder, alfalfa and clover hay.
Mar., 1916. Same grain ration as given in February to the 20th, then 8 lbs. daily of the following mixture: 75 lbs. bran, 50 lbs. each corn meal, ground oats, cottonseed meal, and linseed meal, 180 lbs. Ajax Flakes; 30 lbs. ensilage, corn fodder, clover and alfalfa hay.
Apr., 1916. Same ration as given the last of March.
May, 1916. 8 lbs. grain daily of the following mixture: 75 lbs. bran, 50 lbs. each corn meal, ground oats, cottonseed meal, and linseed meal, 180 lbs. Ajax Flakes; 30 lbs. ensilage, alfalfa and clover hay, pasture from the 16th.
June, 1916. 7 lbs. grain daily same mixture as given in May; pasture.
July, 1916. Same grain ration as given in June; green oats and pasture.
Aug., 1916. 6 lbs. grain daily same mixture as given in May; clover hay and pasture.
Sept., 1916. Same grain ration as given in August; green corn, clover hay, and pasture.

4816 Princess of Thorn Hill 44951

Sire Jewel's Royal Combination of Wawa (15655) A. R.
Sire Imp. France's Jewel V. (11396) A. R.
Dam Jewel of Haddon (11259) A. R. 92.
Dam Golden Glenwood's Queen (26848) A. R. 1556.
Sire Golden Glenwood (10635) A. R.
Dam Princess Reed (14350).
Breeder August Ziesing, Chicago, Ill.
Owner August Ziesing, Chicago, Ill.
Born Mar. 16, 1913. *Calved* Aug. 20, 1915. *Served* Mar. 15, 1916.
Requirement for admission: 268.80 lbs. butter fat.

Official year's record: 7351.20 lbs. milk; 441.37 lbs. butter fat.

(Record from Sept. 16, 1915 to Sept. 15, 1916.)
Supervised by Illinois Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Sept.,	1915,	367.40 lbs.	5.27 %	19.36 lbs.
Oct.,	"	714.50 "	5.27 "	37.65 "
Nov.,	"	650.30 "	5.19 "	33.75 "
Dec.,	"	634.30 "	5.72 "	36.28 "
Jan.,	1916,	610.10 "	6.55 "	39.96 "
Feb.,	"	549.10 "	6.46 "	35.47 "
Mar.,	"	583.50 "	6.34 "	36.99 "
Apr.,	"	603.00 "	6.32 "	38.11 "
May,	"	635.40 "	6.30 "	40.03 "
June,	"	634.70 "	6.08 "	38.59 "
July,	"	568.40 "	6.07 "	34.50 "
Aug.,	"	545.50 "	6.29 "	34.31 "
Sept.,	"	255.00 "	6.42 "	16.37 "
Total		7351.20 lbs.	6.00 Av. %	441.37 lbs.

Feed

Sept., 1915. 7 lbs. grain daily of the following mixture: 500 lbs. each bran and ground corn and oats, 100 lbs. each cottonseed meal and oil meal; corn fodder, clover hay, and pasture.
Oct., 1915. Same ration as given in September.
Nov., 1915. Same grain ration as given in September; 30 lbs. ensilage, corn fodder and clover hay.
Dec., 1915. 7 lbs. grain daily of the following mixture: 400 lbs. bran, 600 lbs. ground corn and oats, 50 lbs. cottonseed meal, 100 lbs. oil meal; 30 lbs. ensilage, corn fodder, alfalfa and clover hay.
Jan., 1916. Same ration as given in December.
Feb., 1916. Same ration as given in December.
Mar., 1916. Same ration as given in February to the 20th, then 7 lbs. of the following mixture: 75 lbs. bran, 50 lbs. each corn meal, ground oats, cottonseed meal, and oil meal, 180 lbs. Ajax Flakes; 30 lbs. ensilage, corn fodder, alfalfa and clover hay.
Apr., 1916. 7 lbs. grain daily of the following mixture: 75 lbs. bran, 50 lbs. each corn meal, ground oats, cottonseed meal, and linseed meal, 180 lbs. Ajax Flakes; 30 lbs. ensilage, alfalfa and clover hay.
May, 1916. Same ration as given in April with pasture after the 15th.
June, 1916. 6 lbs. grain daily same mixture as given in April; pasture.
July, 1916. Same ration as given in June with green oats added.
Aug., 1916. Same grain ration as given in June; clover hay and pasture.
Sept., 1916. Same grain ration as given in June; green corn, clover hay, and pasture.

4817 Langwater Seamstress 40710

Sire Imp. Yeoman (8618) A. R.
Sire Yeo (1440 E. G. H. B.).
Dam Imp. Hayes Rosie (15476) A. R. 116.
Dam Dolly May (29077).
Sire Jethro Bass (11366) A. R.
Dam Royal Rival's Modena (21157).
Breeder F. Lothrop Ames, North Easton, Mass.
Owner F. Lothrop Ames, North Easton, Mass.
Sold Oct. 10, 1916 to O. F. Kinney, Albany, N. Y.
Born May 30, 1912. *Calved* Oct. 25, 1915. *Served* July 26, 1916.
Requirement for admission: 302.40 lbs. butter fat.

Official year's record: 10814.90 lbs. milk; 536.18 lbs. butter fat.

Supervised by Massachusetts Agricultural Experiment Station.

Year's Record		Milk	Butter Fat	
Nov.,	1915,	1215.70 lbs.	3.83 %	46.56 lbs.
Dec.,	"	1273.30 "	4.88 "	62.14 "
Jan.,	1916,	1069.90 "	4.74 "	50.71 "
Feb.,	"	933.00 "	5.02 "	46.84 "
Mar.,	"	946.30 "	5.21 "	49.30 "
Apr.,	"	913.30 "	4.98 "	45.48 "
May,	"	931.20 "	5.33 "	49.63 "
June,	"	894.90 "	5.19 "	46.45 "
July,	"	824.00 "	5.13 "	42.27 "
Aug.,	"	741.50 "	5.25 "	38.93 "
Sept.,	"	623.50 "	5.19 "	32.36 "
Oct.,	"	448.30 "	5.69 "	25.51 "
Total		10814.90 lbs.	4.96 Av. %	536.18 lbs.

Feed

Nov., 1915. 333 lbs. grain of the following amounts: 58.8 lbs. each bran, ground oats, and gluten, 19.5 lbs. each hominy and alfalfa meal, 39.2 lbs. each Ajax Flakes, cottonseed meal, and oil meal; 300 lbs. roots, 600 lbs. ensilage, 180 lbs. hay.
Dec., 1915. 434 lbs. grain of the following amounts: 76.6 lbs. each bran, ground oats, and gluten, 25.4 lbs. each hominy and alfalfa meal, 51.1 lbs. each Ajax Flakes, cottonseed meal, and oil meal; 124 lbs. beet pulp, 465 lbs. roots, 1240 lbs. ensilage, 248 lbs. hay.
Jan., 1916. 383 lbs. grain of the following amounts: 67.6 lbs. each bran, ground oats, and gluten, 22.6 lbs. each hominy and alfalfa meal, 45 lbs. each Ajax Flakes, cottonseed meal, and oil meal; 124 lbs. beet pulp, 1288 lbs. ensilage, 248 lbs. hay.
Feb., 1916. 321 lbs. grain of the following amounts: 60.3 lbs. each bran, ground oats, and gluten, 19.9 lbs. hominy, 40.1 lbs. each Ajax Flakes, cottonseed meal, and oil meal; 174 lbs. beet pulp, 1450 lbs. ensilage, 232 lbs. hay.
Mar., 1916. 341 lbs. grain of the following amounts: 63.9 lbs. each bran, ground oats, and gluten, 21.3 lbs. hominy, 42.6 lbs. each Ajax Flakes, cottonseed meal, and oil meal; 155 lbs. beet pulp, 1085 lbs. ensilage, 217 lbs. hay.
Apr., 1916. 330 lbs. grain of the following amounts: 61.88 lbs. each bran, ground oats, and gluten, 20.63 lbs. hominy, 41.25 lbs. each Ajax Flakes, cottonseed meal, and oil meal; 180 lbs. beet pulp, 1350 los. ensilage, 210 lbs. hay.
May, 1916. 330 lbs. grain of the following amounts: 58.23 lbs. each bran, ground oats, and gluten, 19.41 lbs. each hominy and alfalfa meal, 38.82 lbs. each Ajax Flakes, cottonseed meal, and oil meal; 186 lbs. beet pulp, 1240 lbs. ensilage, 217 lbs. hay.
June, 1916. 300 lbs. grain of the following amounts: 52.9 lbs. each bran, ground oats, and Ajax Flakes, 17.7 lbs. each hominy and alfalfa meal, 35.3 lbs. each gluten, cottonseed meal, and oil meal; 180 lbs. beet pulp, 1050 lbs. ensilage, green feed.
July, 1916. 310 lbs. grain of the following amounts: 54.72 lbs. each bran, ground oats, and Ajax Flakes, 18.24 lbs. each hominy and alfalfa meal, 36.48 lbs. each gluten, cottonseed meal, and oil meal; 186 lbs. roots, 930 lbs. ensilage, green feed.
Aug., 1916. 279 lbs. grain of the following amounts: 52.3 lbs. each bran, ground oats, and Ajax Flakes, 17.4 lbs. hominy, 34.9 lbs. each gluten, cottonseed meal, and oil meal; 186 lbs. beet pulp, 775 lbs. ensilage, 217 lbs. alfalfa hay.
Sept., 1916. 240 lbs. grain of the following amounts: 45 lbs. each bran, ground oats, and Ajax Flakes, 15 lbs. hominy, 30 lbs. each gluten, cottonseed meal, and oil meal; 120 lbs. beet pulp, 750 lbs. green corn, 248 lbs. alfalfa hay.
Oct., 1916. 310 lbs. grain of the following amounts: 58.1 lbs. each bran, ground oats, and Ajax Flakes, 19.4 lbs. hominy, 38.7 lbs. each gluten, cottonseed meal, and oil meal; 1085 lbs. ensilage, 248 lbs. hay.

4818 July Maide 30048

Sire Topsy's North Star (11479) A. R.
Sire Lord Yeksa (6451) A. R.
Dam Count Topsy (11680).
Dam Barbara H. 2d (12521).
Sire Prestige 2d (3188).
Dam Barbara H. (5849).
Breeder Thomas H. Wilson, Issaquah, Wash.
Owner Park Weed Willis, Seattle, Wash.
Born July 1, 1908. *Calved* Oct. 4, 1915. *Served* Apr. 10, 1916.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 10651.50 lbs. milk; 520.38 lbs. butter fat.

(Record from Oct. 8, 1915 to Oct. 7, 1916.)
Supervised by Washington Agricultural Experiment Station.

Year's Record		Milk	Butter Fat	
Oct.,	1915,	790.60 lbs.	4.79 %	37.87 lbs.
Nov.,	"	1098.60 "	4.50 "	49.44 "
Dec.,	"	990.30 "	4.47 "	44.27 "
Jan.,	1916,	866.60 "	5.31 "	46.02 "
Feb.,	"	759.30 "	5.34 "	40.55 "
Mar.,	"	847.80 "	5.00 "	42.39 "
Apr.,	"	807.00 "	5.07 "	40.91 "
May,	"	892.20 "	4.79 "	42.74 "
June,	"	870.10 "	4.86 "	42.29 "
July,	"	914.90 "	4.60 "	42.09 "
Aug.,	"	851.00 "	4.96 "	42.21 "
Sept.,	"	784.30 "	5.15 "	40.39 "
Oct.,	"	178.80 "	5.15 "	9.21 "
Total		10651.50 lbs.	4.89 Av. %	520.38 lbs.

Feed

Oct., 1915. 12 lbs. grain daily of 9 lbs. ground oats, 3 lbs. barley; 30 lbs. roots, alfalfa hay and pasture.
Nov., 1915. Same ration as given in October.
Dec., 1915. 460 lbs. grain of the following mixture: 279 lbs. ground oats, 181 lbs. barley; alfalfa hay and pasture.
Jan., 1916. 397 lbs. grain of the following amounts: 264 lbs. ground oats, 133 lbs. barley; 900 lbs. ensilage, 416 lbs. alfalfa hay.
Feb., 1916. 346 lbs. grain of the following amounts: 202 lbs. ground oats, 144 lbs. barley; 1115 lbs. ensilage, 522 lbs. alfalfa hay.
Mar., 1916. 372 lbs. grain of the following amounts: 214 lbs. ground oats, 158 lbs. barley; 1240 lbs. ensilage, 558 lbs. alfalfa hay.
Apr., 1916. 360 lbs. grain of the following amounts: 180 lbs. each ground oats and barley; 1160 lbs. ensilage, 523 lbs. alfalfa hay, pasture after the 23d.
May, 1916. 386 lbs. grain of the following amounts: 36 lbs. bran, 279 lbs. ground oats, 71 lbs. barley; 1085 lbs. ensilage, 508 lbs. alfalfa hay, pasture.
June, 1916. 360 lbs. grain of the following amounts: 135 lbs. bran, 225 lbs. ground oats; 600 lbs. ensilage, 480 lbs. alfalfa hay.
July, 1916. 372 lbs. grain of the following amounts: 139.5 lbs. bran, 232.5 lbs. ground oats; 140 lbs. ensilage, green oats and vetch after the 20th, 552 lbs. alfalfa hay, pasture.
Aug., 1916. 372 lbs. grain of the following amounts: 93 lbs. each bran and barley, 186 lbs. ground oats; green oats and vetch, 596 lbs. alfalfa hay, pasture.
Sept., 1916. 360 lbs. grain of the following amounts: 90 lbs. each bran and barley, 180 lbs. ground oats; alfalfa hay and pasture.
Oct., 1916. 96 lbs. grain of the following amounts: 24 lbs. bran, 72 lbs. ground oats; alfalfa hay and pasture.

4819 Imp. Primrose of Oak Ridge 40436

Sire On Guernsey Alderney II. (R. G. A. S. 2215 P. S.) A. R.
Sire Imp. Sequel's Monogram (15649) A. R.
Dam On Guernsey Lady Alderney (R. G. A. S. 5682 P. S.).
Dam Imp. Ribert's Primrose of the Houguette (33228).
Sire On Guernsey San Remo (R. G. A. S. 1567 P. S.).
Dam On Guernsey Try Me III. (R. G. A. S. 2694 F. S.).
Breeder James W. Martel, Island of Guernsey.
Owner Thomas F. Ryan, Oak Ridge, Va.
Born Mar. 24, 1911. *Calved* Oct. 17, 1915. *Served* May 17, 1916.
Requirement for admission: 344.70 lbs. butter fat.

Official year's record: 13053.60 lbs. milk; 568.34 lbs. butter fat.

(Record from Oct. 23, 1915 to Oct. 22, 1916.)
Supervised by Virginia Agricultural Experiment Station.

Year's Record		Milk	Butter Fat	
Oct.,	1915,	399.60 lbs.	3.65 %	14.59 lbs.
Nov.,	"	1535.20 "	3.65 "	56.03 "
Dec.,	"	1460.00 "	3.83 "	55.92 "
Jan.,	1916,	1378.00 "	4.39 "	60.49 "
Feb.,	"	1256.10 "	4.13 "	51.88 "
Mar.,	"	1252.80 "	4.86 "	60.89 "
Apr.,	"	1197.00 "	4.83 "	57.82 "
May,	"	984.90 "	4.76 "	46.88 "
June,	"	898.20 "	4.65 "	41.77 "
July,	"	851.20 "	4.35 "	37.03 "
Aug.,	"	804.30 "	4.28 "	34.42 "
Sept.,	"	634.20 "	4.71 "	29.87 "
Oct.,	"	402.10 "	5.16 "	20.75 "
Total		13053.60 lbs.	4.35 Av. %	568.34 lbs.

Feed

Oct., 1915. 14 lbs. grain daily of the following mixture: 2 lbs. each bran, Ajax Flakes, Brewers' Grains, and cottonseed meal, 5 lbs. ground oats, 1 lb. oil meal; 5 lbs. beet pulp, 15 lbs. ensilage, alfalfa hay.
Nov., 1915. Same ration as given in October.
Dec., 1915. Same ration as given in October.
Jan., 1916. 22 lbs. grain daily of the following mixture: 3 lbs. bran, 7 lbs. ground oats, 4 lbs. each Ajax Flakes and Brewers' Grains, 2 lbs. each cottonseed meal and oil meal; 6 lbs. beet pulp, 16 lbs. ensilage, 15 lbs. alfalfa hay.
Feb., 1916. Same ration as given in January.
Mar., 1916. Same ration as given in January.
Apr., 1916. Same ration as given in January.
May, 1916. 21 lbs. grain daily, 7 lbs. ground oats and 14 lbs. equal parts bran, Ajax Flakes, Brewers' Grains, cottonseed meal, and oil meal; 6 lbs. beet pulp, green alfalfa ad libitum.
June, 1916. Same ration as given in May with pasture at night.
July, 1916. Same grain ration as given in May; 6 lbs. beets and pasture.
Aug., 1916. 1 lb. of the following mixture to each 4 lbs. milk: equal parts bran, Ajax Flakes, Brewers' Grains, cottonseed meal, and oil meal, with 7 lbs. ground oats added daily; 6 lbs. beet pulp, pasture.
Sept., 1916. Same ration as given in August.
Oct., 1916. Same grain ration as given in August; 6 lbs. beet pulp, 30 lbs. ensilage, alfalfa hay ad libitum.

4820 **Pride of Elkview Farm 39169**

Sire Ideal's Senator (14736).
Sire Senator Trowbridge (11351) A. R.
Dam Ideal of Prospect Farm (15345) A. R. 995.
Dam Emmaview (30325) A. R. 2236.
Sire Mac La Beaux (7645) A. R.
Dam Princess of Elkton 2d (20804).
Breeder A. J. Cullen, Elkview, Pa.
Owner Delaware College, Newark, Del.
Born Sept. 26, 1911. *Colved* Oct. 4, 1915. *Served* Apr. 27, 1916.
Requirement for admission: 324.40 lbs. butter fat.

Official year's record: 9891.40 lbs. milk; 471.70 lbs. butter fat.

(Record from Oct. 6, 1915 to Oct. 5, 1916.)
Supervised by Delaware Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Oct.,	1915,	866.20 lbs.	4.41 %	38.20 lbs.
Nov.,	"	1034.10 "	4.55 "	47.05 "
Dec.,	"	974.00 "	4.67 "	45.49 "
Jan.,	1916,	948.20 "	4.65 "	44.09 "
Feb.,	"	791.90 "	5.05 "	39.99 "
Mar.,	"	812.80 "	4.96 "	40.31 "
Apr.,	"	802.20 "	4.86 "	38.99 "
May,	"	825.60 "	4.79 "	39.55 "
June,	"	801.10 "	4.76 "	38.13 "
July,	"	760.30 "	4.53 "	34.44 "
Aug.,	"	655.50 "	4.78 "	31.33 "
Sept.,	"	559.00 "	5.51 "	30.80 "
Oct.,	"	60.50 "	5.51 "	3.33 "
Total		9891.40 lbs.	4.77 Av. %	471.70 lbs.

Feed

Oct., 1915. 12 lbs. grain daily of the following mixture: 200 lbs. each bran and hominy, 100 lbs. gluten feed, 50 lbs. each gluten meal, cottonseed meal, and oil meal, 150 lbs. beet pulp; 30 lbs. ensilage, 8 lbs. alfalfa hay.
Nov., 1915. 15 lbs. grain daily same mixture as given in October; 2 lbs. beet pulp, 30 lbs. ensilage, 8 lbs. alfalfa hay.
Dec., 1915. 13 lbs. grain daily same mixture as given in October; 2 lbs. beet pulp, 35 lbs. ensilage, 8 lbs. alfalfa hay.
Jan., 1916. 12 lbs. grain daily same mixture as given in October; 2 lbs. beet pulp, 30 lbs. ensilage, 8 lbs. alfalfa hay.
Feb., 1916. Same ration as given in January.
Mar., 1916. Same ration as given in January.
Apr., 1916. Same ration as given in January.
May, 1916. Same ration as given in January except clover hay in place of alfalfa.
June, 1916. 10.75 lbs. grain daily of the following mixture: 4 lbs. each bran and hominy, 1 lb. gluten feed, .75 lb. gluten meal, .5 lb. each cottonseed meal and oil meal; 1.5 lbs. beet pulp, 25 lbs. ensilage, 10 lbs. alfalfa hay.
July, 1916. Same ration as given in June.
Aug., 1916. 8.9375 lbs. grain daily of the following mixture: 2.75 lbs. each bran and hominy, 1.375 lbs. gluten feed, .6875 lb. each gluten meal, cottonseed meal, and oil meal; 6.06 lbs. beet pulp, 30 lbs. ensilage, 8 lbs. alfalfa hay.
Sept., 1916. Same ration as given in August.
Oct., 1916. Same ration as given in August.

4821 **Judith K. 2d 24426**

Sire Sir Bon Espoir (7152).
Sire Par Excellence (5970).
Dam Alpine Maid (10271) A. R. 99.
Dam Judith K. (17358).
Sire Gilcrist of Riverside (4686) A. R.
Dam Bonne Espérance K. (8910).
Breeder Franklin S. Kendall, Howells, N. Y.
Owner C. W. Barron, Cohasset, Mass.
Born Apr. 16, 1904. *Calved* Oct. 24, 1915. *Served* June 29, 1916.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 9330.80 lbs. milk; 469.80 lbs. butter fat.

Supervised by Massachusetts Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Nov.,	1915,	919.70 lbs.	4.96 %	45.62 lbs.
Dec.,	"	970.20 "	4.63 "	44.92 "
Jan.,	1916,	876.60 "	5.03 "	44.09 "
Feb.,	"	777.10 "	4.94 "	38.39 "
Mar.,	"	819.60 "	5.49 "	45.00 "
Apr.,	"	765.20 "	4.89 "	37.42 "
May,	"	766.70 "	5.10 "	39.10 "
June,	"	732.80 "	5.11 "	37.45 "
July,	"	752.90 "	5.06 "	38.10 "
Aug.,	"	711.90 "	5.08 "	36.16 "
Sept.,	"	635.70 "	4.69 "	29.81 "
Oct.,	"	602.40 "	5.60 "	33.74 "
Total		9330.80 lbs.	5.03 Av. %	469.80 lbs.

Feed

Nov., 1915. 11 lbs. grain daily of the following mixture: 10 lbs. each bran, hominy, ground oats, gluten, and oil meal, 20 lbs. each Ajax Flakes and Brewers' Grains, 7.5 lbs. cottonseed meal; 6 lbs. beet pulp, 10 lbs. ensilage, 12 lbs. alfalfa hay.
Dec., 1915. 12 lbs. grain daily of the following mixture: 300 lbs. each bran and Brewers' Grains, 200 lbs. each hominy, ground oats, Ajax Flakes, gluten, and oil meal, 100 lbs. cottonseed meal; 6 lbs. beet pulp, 10 lbs. ensilage, 12 lbs. alfalfa hay.
Jan., 1916. 11 lbs. grain daily of the following mixture: 150 lbs. each bran and Brewers' Grains, 100 lbs. each hominy, ground oats, Ajax Flakes, gluten, and oil meal, 50 lbs. cottonseed meal; 4 lbs. beet pulp, 10 lbs. each ensilage and alfalfa hay.
Feb., 1916. 10 lbs. grain daily same mixture as given in January; 6 lbs. beet pulp, 10 lbs. each ensilage and alfalfa hay.
Mar., 1916. 12 lbs. grain daily of the following mixture: 150 lbs. each bran, Ajax Flakes, and Brewers' Grains, 100 lbs. each Schumacher Feed, gluten, and oil meal, 50 lbs. cottonseed meal; 6 lbs. beet pulp, 8 lbs. ensilage, 10 lbs. alfalfa hay.
Apr., 1916. 10.5 lbs. grain daily of the following mixture: 150 lbs. each bran, Ajax Flakes, and Brewers' Grains, 100 lbs. each hominy, Schumacher Feed, gluten, and oil meal, 50 lbs. cottonseed meal; 5 lbs. beet pulp, 10 lbs. each ensilage and alfalfa hay.
May, 1916. 12 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each hominy, Ajax Flakes, Biles XXXX, Schumacher Feed, gluten, and oil meal, 125 lbs. Brewers' Grains, 50 lbs. cottonseed meal; 6 lbs. beet pulp, 10 lbs. each ensilage and alfalfa hay.
June, 1916. 8.5 lbs. grain daily same mixture as given in April; 6 lbs. beet pulp, 9 lbs. each ensilage and alfalfa hay.
July, 1916. 9 lbs. grain daily of the following mixture: 150 lbs. each bran, Ajax Flakes, Brewers' Grains, and Schumacher Feed, 100 lbs. each hominy, gluten, and oil meal, 50 lbs. cottonseed meal; 4 lbs. beet pulp, 9 lbs. ensilage, 10 lbs. alfalfa hay.
Aug., 1916. Same grain ration as given in July; 4 lb. beet pulp, 25 lbs. ensilage, 10 lbs. alfalfa hay.
Sept., 1916. Same ration as given in August.
Oct., 1916. 8 lbs. grain daily of the following mixture: 300 lbs. each bran, ground oats, and Ajax Flakes, 200 lbs. each corn meal, Brewers' Grains, gluten, cottonseed meal, and oil meal; 6 lbs. beet pulp, 8 lbs. ensilage, 10 lbs. alfalfa hay.

4822 **Mabel's Princess Royal 30526**

Sire Prince Royal of Spring Brook (13942).
Sire Sir Ford 3d (7363) A. R.
Dam Loretta of Spring Brook (20016).
Dam Mabel F. (16470).
Sire Frolic of Ellerslie (4689).
Dam Bell of Charlton (8876).
Breeder Charlton Industrial Farm School, Ballston Lake, N. Y.
Owner Gage E. Tarbell, Smithville Flats, N. Y.
Born June 24, 1909. *Calved* Oct. 7, 1915. *Served* May 21, 1916.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 9352.20 lbs. milk; 446.76 lbs. butter fat.

(Record from Oct. 10, 1915, to Oct. 9, 1916.)
Supervised by Cornell Agricultural Experiment Station, Ithaca, N. Y.

Year's Record		*Milk*	*Butter Fat*	
Oct.,	1915,	640.70 lbs.	4.52 %	28.96 lbs.
Nov.,	"	958.70 "	4.52 "	43.33 "
Dec.,	"	854.10 "	4.73 "	40.40 "
Jan.,	1916,	835.70 "	4.80 "	40.11 "
Feb.,	"	807.60 "	4.53 "	36.58 "
Mar.,	"	800.50 "	4.82 "	38.58 "
Apr.,	"	751.30 "	4.79 "	35.99 "
May,	"	759.90 "	4.90 "	37.24 "
June,	"	751.00 "	4.91 "	36.87 "
July,	"	714.30 "	4.87 "	34.79 "
Aug.,	"	676.60 "	4.88 "	33.02 "
Sept.,	"	614.20 "	5.10 "	31.32 "
Oct.,	"	187.60 "	5.10 "	9.57 "
Total		9352.20 lbs.	4.78 Av. %	446.76 lbs.

Feed

Oct., 1915. 14 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each corn meal, ground oats, Ajax Flakes, gluten, molassine, cottonseed meal, and oil meal; 3 lbs. beet pulp, 30 lbs. ensilage, 8 lbs. hay.
Nov., 1915. 14 lbs. grain daily of the following mixture: 200 lbs. each bran and ground oats, 100 lbs. each corn meal, molassine meal, cottonseed meal, and oil meal, 75 lbs. Ajax Flakes; 3 lbs. beet pulp, 30 lbs. ensilage, 8 lbs. hay.
Dec., 1915. 12 lbs. grain daily of the following mixture: 300 lbs. bran, 100 lbs. each corn meal, cottonseed meal, oil meal, and molassine meal, 160 lbs. ground oats, 125 lbs. Ajax Flakes, 200 lbs. gluten; 6 lbs. beet pulp, 30 lbs. ensilage, 8 lbs. hay.
Jan., 1916. 12 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each corn meal, ground oats, gluten, cottonseed meal, oil meal, and molassine meal, 125 lbs. Ajax Flakes; 6 lbs. each beet pulp and hay, 25 lbs. ensilage.
Feb., 1916. 18 lbs. grain daily of the following mixture: 300 lbs. each bran and ground oats, 100 lbs. each corn meal, molassine meal, and oil meal, 200 lbs. each Ajax Flakes, gluten, and cottonseed meal; 8 lbs. beet pulp, 25 lbs. ensilage, 3 lbs. alfalfa and 7 lbs. mixed hay.
Mar., 1916. Same ration as given in February.
Apr., 1916. 13 lbs. grain daily of the following mixture: 300 lbs. bran, 100 lbs. each corn meal and oil meal, 240 lbs. ground oats, 200 lbs. each Ajax Flakes, gluten, and cottonseed meal; 7 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. hay.
May, 1916. 12 lbs. grain daily of the following mixture: 300 lbs. bran, 150 lbs. hominy, 100 lbs. each ground oats, gluten, and oil meal, 125 lbs. Ajax Flakes, 200 lbs. cottonseed meal; 6 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. hay.
June, 1916. 9 lbs. grain daily same mixture as given in May; pasture.
July, 1916. 9 lbs. grain daily of the following mixture: 300 lbs. bran, 150 lbs. hominy, 80 lbs. ground oats, 125 lbs. Ajax Flakes, 100 lbs. each gluten and cottonseed meal, 200 lbs. oil meal; green feed and pasture.
Aug., 1916. Same ration as given in July.
Sept., 1916. Same ration as given in July.
Oct., 1916. 7 lbs. grain daily of the following mixture: 300 lbs. bran, 200 lbs. each corn meal and gluten, 100 lbs. each ground oats and oil meal, 125 lbs. Ajax Flakes, 150 lbs. cottonseed meal; 30 lbs. ensilage, 10 lbs. hay.

4823 **Princess of Oaklands 2d 36163**

Sire Roy of Norwood (8141) A. R.
Sire Strong Anchor (5849) A. R.
Dam Nancy Mac (11523).
Dam Princess of Oaklands (21259) A. R. 891.
Sire Prince of Oaklands (10261).
Dam George Anna of Oaklands (12844).
Breeder Gage E. Tarbell, Smithville Flats, N. Y.
Owner Gage E. Tarbell, Smithville Flats, N. Y.
Born Feb. 28, 1911. *Calved* Oct. 29, 1915. *Served* July 18, 1916.
Requirement for admission: 348.40 lbs. butter fat.

Official year's record: 8562.30 lbs. milk; 449.51 lbs. butter fat.

(Record from Nov. 5, 1915 to Nov. 4, 1916.)
Supervised by Cornell Agricultural Experiment Station, Ithaca, N. Y.

Year's Record		*Milk*	*Butter Fat*	
Nov.,	1915,	802.00 lbs.	4.73 %	37.93 lbs.
Dec.,	"	922.00 "	4.73 "	43.61 "
Jan.,	1916,	870.40 "	4.91 "	42.74 "
Feb.,	"	786.00 "	5.10 "	40.09 "
Mar.,	"	824.60 "	5.23 "	43.13 "
Apr.,	"	758.50 "	5.10 "	38.68 "
May,	"	772.60 "	5.10 "	39.40 "
June,	"	713.70 "	5.64 "	40.25 "
July,	"	679.50 "	5.70 "	38.73 "
Aug.,	"	549.80 "	5.82 "	32.00 "
Sept.,	"	433.80 "	6.38 "	27.68 "
Oct.,	"	397.50 "	5.60 "	22.26 "
Nov.,	"	51.90 "	5.80 "	3.01 "
Total		8562.30 lbs.	5.25 Av. %	449.51 lbs.

Feed

Nov., 1915. 12 lbs. grain daily of the following mixture: 300 lbs. bran, 100 lbs. each corn meal, cottonseed meal, oil meal, and molassine meal, 160 lbs. ground oats, 125 lbs. Ajax Flakes, 200 lbs. gluten; 6 lbs. beet pulp, 30 lbs. ensilage, 8 lbs. hay.
Dec., 1915. Same ration as given in November.
Jan., 1916. 12 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each corn meal, ground oats, gluten, cottonseed meal, oil meal, and molassine meal, 125 lbs. Ajax Flakes; 6 lbs. each beet pulp and hay, 25 lbs. ensilage.
Feb., 1916. 18 lbs. grain daily of the following mixture: 300 lbs. each bran and ground oats, 100 lbs. each corn meal, molassine meal, and oil meal, 200 lbs. each Ajax Flakes, cottonseed meal, and gluten; 8 lbs. beet pulp, 25 lbs. ensilage, 3 lbs. alfalfa and 7 lbs. mixed hay.
Mar., 1916. Same ration as given in February.
Apr., 1916. 13 lbs. grain daily of the following mixture: 300 lbs. bran, 100 lbs. each corn meal and oil meal, 240 lbs. ground oats, 200 lbs. Ajax Flakes, gluten, and cottonseed meal; 7 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. hay.
May, 1916. 12 lbs. grain daily of the following mixture: 300 lbs. bran, 150 lbs. hominy, 100 lbs. each ground oats, gluten, and oil meal, 125 lbs. Ajax Flakes, 200 lbs. cottonseed meal; 6 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. hay.
June, 1916. 9 lbs. grain daily same mixture as given in May; pasture.
July, 1916. 9 lbs. grain daily of the following mixture: 300 lbs. bran, 150 lbs. hominy, 80 lbs. ground oats, 125 lbs. Ajax Flakes, 100 lbs. each gluten and cottonseed meal, 200 lbs. oil meal; green feed and pasture.
Aug., 1916. Same ration as given in July.
Sept., 1916. Same ration as given in July.
Oct., 1916. 7 lbs. grain daily of the following mixture: 300 lbs. bran, 200 lbs. each corn meal and gluten, 100 lbs. each ground oats and oil meal, 125 lbs. Ajax Flakes, 150 lbs. cottonseed meal; 30 lbs. ensilage, 10 lbs. hay.
Nov., 1916. Same ration as given in October.

4824 **Emeranda of Tarbell Farms 43566**

Sire Lily's King of Maplehurst (12040) A. R.
Sire Raphael of Orchard Hill (9495).
Dam Lily May of Orchard Hill (17665) A. R. 585.
Dam Emeline of Tarbell Farms (19797) A. R. 1066.
Sire Roy of Norwood (8141) A. R.
Dam Emeline of West Grove (16869).
Breeder Gage E. Tarbell, Smithville Flats, N. Y.
Owner Gage E. Tarbell, Smithville Flats, N. Y.
Born Sept. 27, 1912. *Calved* Nov. 18, 1915. *Served* June 19, 1916.
Requirement for admission: 292.50 lbs. butter fat.

Official year's record: 7413.00 lbs. milk; 416.50 lbs. butter fat.

(Record from Nov. 22, 1915 to Nov. 21, 1916.)
Supervised by Cornell Agricultural Experiment Station, Ithaca, N. Y.

Year's Record		*Milk*	*Butter Fat*	
Nov.,	1915,	240.60 lbs.	5.05 %	12.15 lbs.
Dec.,	"	896.80 "	5.05 "	45.29 "
Jan.,	1916,	854.30 "	5.21 "	44.51 "
Feb.,	"	791.20 "	5.25 "	41.54 "
Mar.,	"	790.00 "	5.37 "	42.42 "
Apr.,	"	696.40 "	5.46 "	38.02 "
May,	"	677.60 "	5.48 "	37.13 "
June,	"	633.90 "	5.83 "	36.96 "
July,	"	524.70 "	6.23 "	32.69 "
Aug.,	"	436.40 "	6.03 "	26.31 "
Sept.,	"	334.80 "	7.16 "	23.97 "
Oct.,	"	323.60 "	6.70 "	21.68 "
Nov.,	"	212.70 "	6.50 "	13.83 "
Total		7413.00 lbs.	5.62 Av. %	416.50 lbs.

Feed

Nov., 1915. 12 lbs. grain daily of the following mixture: 300 lbs. bran, 100 lbs. each corn meal, gluten, cottonseed meal, oil meal, and molassine, 160 lbs. ground oats, 125 lbs. Ajax Flakes; 6 lbs. beet pulp, 30 lbs. ensilage, 8 lbs. hay.
Dec., 1915. 12 lbs. grain daily of the following mixture: 300 lbs. bran, 100 lbs. each corn meal, cottonseed meal, oil meal, and molassine meal, 160 lbs. ground oats, 125 lbs. Ajax Flakes, 200 lbs. gluten; 6 lbs. beet pulp, 30 lbs. ensilage, 8 lbs. hay.
Jan., 1916. 12 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each corn meal, ground oats, Ajax Flakes, gluten, cottonseed meal, oil meal, and molassine meal; 6 lbs. each beet pulp and hay, 25 lbs. ensilage.
Feb., 1916. 18 lbs. grain daily of the following mixture: 300 lbs. each bran and ground oats, 100 lbs. each corn meal, molassine meal, and oil meal, 200 lbs. each Ajax Flakes, gluten, and cottonseed meal; 8 lbs. beet pulp, 25 lbs. ensilage, 3 lbs. alfalfa and 7 lbs. mixed hay.
Mar., 1916. Same ration as given in February.
Apr., 1916. 12 lbs. grain daily of the following mixture: 300 lbs. bran, 100 lbs. each corn meal and oil meal, 240 lbs. ground oats, 200 lbs. each Ajax Flakes, gluten, and cottonseed meal; 7 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. hay.
May, 1916. 12 lbs. grain daily of the following mixture: 300 lbs. bran, 150 lbs. hominy, 100 lbs. each ground oats, gluten, and oil meal, 125 lbs. Ajax Flakes, 200 lbs. cottonseed meal; 6 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. hay.
June, 1916. 9 lbs. grain daily same mixture as given in May; pasture.
July, 1916. 9 lbs. grain daily of the following mixture: 300 lbs. bran, 150 lbs. hominy, 80 lbs. ground oats, 125 lbs. Ajax Flakes, 100 lbs. each gluten and cottonseed meal, 200 lbs. oil meal; green feed and pasture.
Aug., 1916. Same ration as given in July.
Sept., 1916. Same ration as given in July.
Oct., 1916. 6 lbs. grain daily of the following mixture: 300 lbs. bran, 200 lbs. each corn meal and gluten, 100 lbs. each ground oats and oil meal, 125 lbs. Ajax Flakes, 150 lbs. cottonseed meal; 30 lbs. ensilage, 10 lbs. hay.
Nov., 1916. Same ration as given in October.

4825 **Heartsease of Rich Neck 2d 49308**

Sire Splendide of Rich Neck (16751).
Sire Auricula's Glenwood Rex of Haddon (12735).
Dam Cora of Elm Shade (17711) A. R. 1295.
Dam Heartsease of Rich Neck (36045) A. R. 3055.
Sire Francis of Rich Neck (16438).
Dam Pandora's Valentine of Rich Neck (27622) A. R. 1742.
Breeder H. H. Pearson, Jr., Claiborne, Md.
Owner Est. H. H. Pearson, Jr., Claiborne, Md.
Born Oct. 7, 1913. *Calved* Oct. 22, 1915. *Served* Mar. 27, 1916.
Requirement for admission: 252.20 lbs. butter fat.

Official year's record: 8290.60 lbs. milk; 521.54 lbs. butter fat.

(Record from Oct. 25, 1915 to Oct. 24, 1916.)
Supervised by Maryland Agricultural Experiment Station.

Year's Record		*Milk*	*Butter Fat*	
Oct.,	1915,	162.00 lbs.	5.44 %	8.81 lbs.
Nov.,	"	836.70 "	5.44 "	45.52 "
Dec.,	"	821.70 "	6.17 "	50.70 "
Jan.,	1916,	752.50 "	5.99 "	45.07 "
Feb.,	"	629.00 "	7.28 "	45.79 "
Mar.,	"	676.60 "	6.05 "	40.93 "
Apr.,	"	680.30 "	6.25 "	42.52 "
May,	"	722.60 "	6.56 "	47.40 "
June,	"	664.70 "	6.09 "	40.48 "
July,	"	685.60 "	6.44 "	44.15 "
Aug.,	"	658.30 "	6.20 "	40.81 "
Sept.,	"	579.40 "	6.86 "	39.75 "
Oct.,	"	421.20 "	7.03 "	29.61 "
Total		8290.60 lbs.	6.29 Av. %	521.54 lbs.

Feed

Oct., 1915. 54 lbs. grain of the following mixture: 25 lbs. each bran and ground oats, 3.5 lbs. oil meal, and .5 lb. "Ration" consisting of 12.5 lbs. each bran, oats, and beet pulp, 3.125 lbs. corn meal, 20 lbs. Ajax Flakes, 6.25 lbs. each cottonseed meal and linseed meal; 9.5 lbs. beet pulp, 68 lbs. ensilage, 70 lbs. alfalfa hay.
Nov., 1915. 273.9 lbs. grain; 112.5 lbs. of the same "Ration" as in October and 74.5 lbs. each bran and ground oats, 12.4 lbs. oil meal; 77.5 lbs. beet pulp, 67 lbs. roots, 543 lbs. ensilage, 300 lbs. alfalfa hay.
Dec., 1915. 299.8 lbs. grain; 184 lbs. of the same "Ration" as given in October, 46.5 lbs. each bran and ground oats, 7.5 lbs. corn meal, and 15.3 lbs. oil meal; 70 lbs. beet pulp, 124 lbs. roots, 570 lbs. ensilage, 310 lbs. alfalfa hay.
Jan., 1916. 300.5 lbs. grain; 176.5 lbs. of the following "Ration" and 46.5 lbs. each bran and ground oats, 15.5 lbs. each corn meal and oil meal: 12.5 lbs. each bran, corn meal, and linseed meal, 40 lbs. Ajax Flakes, 6.25 lbs. each cottonseed meal and beet pulp; 98.5 lbs. beet pulp, 146 lbs. roots, 682 lbs. ensilage, 310 lbs. alfalfa hay.
Feb., 1916. 272.6 lbs. grain; 156.6 lbs. of same "Ration" as given in January and 43.5 lbs. each bran and ground oats, 14.5 lbs. each corn meal and oil meal; 101.5 lbs. beet pulp, 174 lbs. roots, 638 lbs. ensilage, 290 lbs. alfalfa hay.
Mar., 1916. 294.5 lbs. grain; 170.5 lbs. of same "Ration" as given in January, and 46.5 lbs. each bran and ground oats, 15.5 lbs. each corn meal and oil meal; 108.5 lbs. beet pulp, 186 lbs. roots, 682 lbs. ensilage, 310 lbs. alfalfa hay.
Apr., 1916. 255 lbs. grain; 165 lbs. of same "Ration" as given in January, and 45 lbs. bran, 15 lbs. each corn meal, ground oats, and oil meal; 105 lbs. beet pulp, 124 lbs. roots, 644 lbs. ensilage, 30 lbs. wheat and vetch, 300 lbs. alfalfa hay, pasture last of month.
May, 1916. 306 lbs. grain; 182 lbs. of same "Ration" as given in January, and 46.5 lbs. each bran and ground oats and 15.5 lbs. each corn meal and oil meal; 108.5 lbs. beet pulp, 631 lbs. ensilage, 210 lbs. wheat and vetch, 213 lbs. green alfalfa, 310 lbs. alfalfa hay, pasture.
June, 1916. 301 lbs. grain; 180 lbs. of same "Ration" as given in January, and 45 lbs. each bran and ground oats, 15 lbs. corn meal, 5.8 lbs. soy bean meal, and 10.2 lbs. oil meal; 105 lbs. beet pulp, 537 lbs. ensilage, 216 lbs. green corn, 355 lbs. green alfalfa, 300 lbs. alfalfa hay, pasture.
July, 1916. 313.1 lbs. grain; 186 lbs. of same "Ration" as given in January, and 46.5 lbs. each bran and ground oats, 15.5 lbs. corn meal, and 18.6 lbs. soy bean meal; 108.5 lbs. beet pulp, 465 lbs. green corn, 523 lbs. ensilage, 310 lbs. each green alfalfa and alfalfa hay, pasture.
Aug., 1916. Same grain ration as given in July; 108.5 lbs. beet pulp, 475 lbs. ensilage, 465 lbs. green corn, 310 lbs. each green alfalfa and alfalfa hay.
Sept., 1916. 378 lbs. grain; 180 lbs. of same "Ration" as given in January, and 15 lbs. each bran and ground oats, 150 lbs. corn meal, and 18 lbs. soy bean meal; 120 lbs. beet pulp, 35 lbs. roots, 462 lbs. ensilage, 399 lbs. green corn, 300 lbs. each green alfalfa and alfalfa hay.
Oct., 1916. 214.5 lbs. grain; 150 lbs. same "Ration" as given in January, and 37.5 lbs. bran, 15 lbs. corn meal, and 12 lbs. ground oats; 36 lbs. beet pulp, 341 lbs. roots, 450 lbs. ensilage, 198 lbs. green alfalfa, 250 lbs. alfalfa hay.

4826 Glenwood's Dewdrop of Fox Valley 44745

Sire Glenwood's Stranford (9386) A. R.
Sire Glenwood Boy of Haddon (4605) A. R.
Dam Stranford's Princess (11740) A. R. 199.
Dam Natoma Columbia (23585).
Sire Imp. Roman Emperor (11212) A. R.
Dam Nevia D. of Fillmore (18241) A. R. 771.
Breeder Robert G. Morey, Waukesha, Wis.
Owner C. J. Kuhtz & Sons, Waukesha, Wis.
Born Nov. 1, 1912. *Calved* Oct. 10, 1915. *Served* Mar. 13, 1916.
Requirement for admission: 285.20 lbs. butter fat.

Official year's record: 9352.90 lbs. milk; 431.92 lbs. butter fat.

(Record from Oct. 15, 1915 to Oct. 14, 1916.)
Supervised by Wisconsin Agricultural Experiment Station.

Year's Record		Milk	Butter Fat	
Oct.,	1915,	548.00 lbs.	4.73 %	25.92 lbs.
Nov.,	"	959.60 "	4.24 "	40.69 "
Dec.,	"	967.90 "	4.35 "	42.10 "
Jan.,	1916,	898.30 "	4.48 "	40.24 "
Feb.,	"	802.00 "	4.32 "	34.65 "
Mar.,	"	795.70 "	4.36 "	34.69 "
Apr.,	"	754.90 "	4.60 "	34.73 "
May,	"	751.80 "	4.69 "	35.26 "
June,	"	725.90 "	4.63 "	33.61 "
July,	"	676.20 "	4.74 "	32.05 "
Aug.,	"	631.20 "	5.26 "	33.20 "
Sept.,	"	582.50 "	5.22 "	30.41 "
Oct.,	"	258.90 "	5.55 "	14.37 "
Total		9352.90 lbs.	4.62 Av. %	431.92 lbs.

Feed

Oct., 1915. 8.5 lbs. grain daily of the following mixture: 2 lbs. each bran and ground oats, 3 lbs. Ajax Flakes, 1.5 lbs. oil meal; 4 lbs. beet pulp, 10 lbs. alfalfa hay.
Nov., 1915. 10 lbs. grain daily of the following mixture: 2.5 lbs. each bran and ground oats, 3.5 lbs. Ajax Flakes, 1.5 lbs. oil meal; 20 lbs. ensilage, 7 lbs. alfalfa hay.
Dec., 1915. 8 lbs. grain daily of the following mixture: 100 lbs. bran, 75 lbs. oats, 125 lbs. Ajax Flakes, 50 lbs. oil meal; 20 lbs. ensilage, 7 lbs. alfalfa hay.
Jan., 1916. 8 lbs. grain daily of the following mixture: 100 lbs. bran, 125 lbs. Ajax Flakes, 75 lbs. ground oats, 50 lbs. oil meal; 20 lbs. ensilage, 6 lbs. alfalfa hay.
Feb., 1916. Same ration as given in January.
Mar., 1916. 7 lbs. grain daily same mixture as given in January; 30 lbs. ensilage, 6 lbs. alfalfa hay.
Apr., 1916. 7 lbs. grain daily of the following mixture: 100 lbs. bran, 50 lbs. each corn meal and oil meal, 75 lbs. ground oats, 125 lbs. Ajax Flakes; 20 lbs. ensilage, 6 lbs. alfalfa hay.
May, 1916. Same ration as given in April.
June, 1916. 6 lbs. grain daily same mixture as given in April; 15 lbs. ensilage, 10 lbs. green alfalfa, 3 lbs. alfalfa hay.
July, 1916. 6 lbs. grain daily of the following mixture: 100 lbs. each bran and Eagle D. D. D. Grains, 50 lbs. each corn meal and oil meal, 75 lbs. ground oats; 15 lbs. ensilage, 8 lbs. green alfalfa, 5 lbs. alfalfa hay.
Aug., 1916. Same grain ration as given in July; 15 lbs. ensilage, 8 lbs. green corn, 5 lbs. alfalfa hay.
Sept., 1916. 6 lbs. grain daily of the following mixture: 100 lbs. each bran, Eagle D. D. D. Grains, and Victor Feed, 30 lbs. oil meal; green corn and alfalfa hay.
Oct., 1916. Same grain ration as given in September; 20 lbs. ensilage, 10 lbs. alfalfa hay.

4827 Violet of Fox Valley 49084

Sire Wedding Bells of Waukesha (16844) A. R.
Sire Hale's Choice (10916).
Dam Foscoro (13023).
Dam Bells' Pride of Fox Valley (38827).
Sire Wedding Bells of Waukesha (16844) A. R.
Dam Lucy of Fox Valley (32301).
Breeder Charles Kuhtz, Waukesha, Wis.
Owner Charles Kuhtz, Waukesha, Wis.
Born Sept. 11, 1913. *Calved* Nov. 12, 1915. *Served* Apr. 4, 1916.
Requirement for admission: 256.90 lbs. butter fat.

Official year's record: 9136.40 lbs. milk; 452.02 lbs. butter fat.

(Record from Nov. 15, 1915 to Nov. 14, 1916.)
Supervised by Wisconsin Agricultural Experiment Station.

Year's Record		Milk	Butter Fat	
Nov.,	1915,	476.10 lbs.	4.24 %	20.19 lbs.
Dec.,	"	971.00 "	5.11 "	49.62 "
Jan.,	1916,	867.50 "	4.50 "	39.04 "
Feb.,	"	824.80 "	4.15 "	34.23 "
Mar.,	"	813.50 "	4.89 "	39.78 "
Apr.,	"	784.50 "	4.75 "	37.26 "
May,	"	785.90 "	5.04 "	39.61 "
June,	"	735.30 "	5.20 "	38.24 "
July,	"	701.00 "	4.98 "	34.91 "
Aug.,	"	630.80 "	5.67 "	35.77 "
Sept.,	"	652.00 "	5.08 "	33.12 "
Oct.,	"	624.30 "	5.62 "	35.09 "
Nov.,	"	269.70 "	5.62 "	15.16 "
Total		9136.40 lbs.	4.95 Av. %	452.02 lbs.

Feed

Nov., 1915. 7 lbs. grain daily of the following mixture: 1.5 lbs. bran, 2 lbs. ground oats, 2.5 lbs. Ajax Flakes, 1 lb. oil meal; 20 lbs. ensilage, 7 lbs. alfalfa hay.
Dec., 1915. 7 lbs. grain daily of the following mixture: 100 lbs. bran, 75 lbs. ground oats, 125 lbs. Ajax Flakes, 50 lbs. oil meal; 20 lbs. ensilage, 7 lbs. alfalfa hay.
Jan., 1916. 8 lbs. grain daily of the following mixture: 100 lbs. bran, 75 lbs. ground oats, 125 lbs. Ajax Flakes, 50 lbs. oil meal; 20 lbs. ensilage, 6 lbs. alfalfa hay.
Feb., 1916. Same ration as given in January.
Mar., 1916. Same ration as given in January.
Apr., 1916. 8 lbs. grain daily of the following mixture: 100 lbs. bran, 50 lbs. each corn meal and oil meal, 75 lbs. ground oats, 125 lbs. Ajax Flakes; 20 lbs. ensilage, 6 lbs. alfalfa hay.
May, 1916. 7.5 lbs. grain daily same mixture as given in April; 20 lbs. ensilage, 6 lbs. alfalfa hay.
June, 1916. 6.5 lbs. grain daily same mixture as given in April; 15 lbs. ensilage, 10 lbs. green alfalfa, 3 lbs. alfalfa hay.
July, 1916. 6 lbs. grain daily of the following mixture: 100 lbs. each bran and Eagle D. D. D. Grains, 50 lbs. each corn meal and oil meal, 75 lbs. ground oats; 15 lbs. ensilage, 8 lbs. green alfalfa, 5 lbs. alfalfa hay.
Aug., 1916. Same grain ration as given in July; 15 lbs. ensilage, 8 lbs. green corn, 5 lbs. alfalfa hay.
Sept., 1916. 6 lbs. grain daily of the following mixture: 100 lbs. each bran, Eagle D. D. D. Grains, and Victor Feed, 30 lbs. oil meal; green corn and alfalfa hay.
Oct., 1916. Same grain ration as given in September; 20 lbs. ensilage and 10 lbs. alfalfa hay.
Nov., 1916. 6 lbs. grain daily of the following mixture: 100 lbs. each bran, Eagle D. D. D. Grains, and White Diamond Feed, 125 lbs. Distillers' Grains, 50 lbs. oil meal; 5 lbs. mangels, 25 lbs. ensilage, 10 lbs. alfalfa hay.

4828 Jupiter's Tidy of Ingleside 38748

Sire Besly Farm Jupiter 4th (12914).
Sire Besly Farm Jupiter (9091) A. R.
Dam Ada of Hop City (15361) A. R. 91.
Dam Tidy of Ingleside (22770) A. R. 1165.
Sire Southampton (9560).
Dam Young Tidy (12302).
Breeder H. M. Robinson, Glencoe, Ill.
Owner William Nelson Pelouze, Oconomowoc, Wis.
Born July 12, 1911. *Calved* Oct. 22, 1915. *Served* Apr. 12, 1916.
Requirement for admission: 334.10 lbs. butter fat.

Official year's record: 12610.00 lbs. milk; 556.89 lbs. butter fat.

(Record from Oct. 27, 1915 to Oct. 26, 1916.)
Supervised by Wisconsin Agricultural Experiment Station.

Year's Record		Milk	Butter Fat	
Oct.,	1915,	203.80 lbs.	3.81 %	7.76 lbs.
Nov.,	"	1355.20 "	3.81 "	51.63 "
Dec.,	"	1360.10 "	4.25 "	57.80 "
Jan.,	1916,	1266.90 "	4.27 "	54.10 "
Feb.,	"	1078.70 "	4.38 "	47.25 "
Mar.,	"	1073.20 "	4.59 "	49.26 "
Apr.,	"	1018.00 "	4.69 "	47.74 "
May,	"	1067.50 "	4.46 "	47.61 "
June,	"	1042.90 "	4.22 "	44.01 "
July,	"	1007.20 "	4.63 "	46.63 "
Aug.,	"	917.20 "	4.57 "	41.92 "
Sept.,	"	693.10 "	5.16 "	35.76 "
Oct.,	"	526.20 "	4.83 "	25.42 "
Total		12610.00 lbs.	4.42 Av. %	556.89 lbs.

Feed

Oct., 1915. 10 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, and Ajax Flakes, 200 lbs. ground oats; alfalfa hay and pasture.
Nov., 1915. 15 lbs. grain daily of the following mixture: 100 lbs. each bran and ground oats, 150 lbs. Ajax Flakes, 25 lbs. cottonseed meal, 50 lbs. oil meal; 10 lbs. beets, 30 lbs. ensilage, 12 lbs. alfalfa hay.
Dec., 1915. Same ration as given in November.
Jan., 1916. Same ration as given in November.
Feb., 1916. 15 lbs. grain daily of the following mixture: 300 lbs. each bran and ground oats, 400 lbs. Ajax Flakes, 50 lbs. cottonseed meal, 100 lbs. oil meal; 30 lbs. ensilage, hay.
Mar., 1916. Same ration as given in February.
Apr., 1916. Same ration as given in February.
May, 1916. Same ration as given in February.
June, 1916. Same ration as given in February.
July, 1916. Same ration as given in February.
Aug., 1916. Same ration as given in February.
Sept., 1916. Same ration as given in February.
Oct., 1916. Same ration as given in February.

4829 Rose Bloom of Maudesleigh 53680

Sire May King of Maudesleigh (16744).
Sire May King of Langwater (13000) A. R.
Dam Nan of Blue Spring Farm (21235).
Dam Imp. Hale Charm 3d (33716).
Sire Rockfeller of Brittleware (1979 E. G. H. B.).
Dam Hale Charm (7287 E. G. H. B.).
Breeder F. S. Moseley, Newburyport, Mass.
Owner F. S. Moseley, Newburyport, Mass.
Born July 28, 1912. *Calved* Oct. 26, 1915. *Served* May 7, 1916.
Requirement for admission: 296.50 lbs. butter fat.

Official year's record: 8977.60 lbs. milk; 503.90 lbs. butter fat.

Supervised by Massachusetts Agricultural Experiment Station.

Year's Record		Milk	Butter Fat	
Nov.,	1915,	1027.00 lbs.	5.00 %	51.35 lbs.
Dec.,	"	1068.00 "	4.70 "	50.20 "
Jan.,	1916,	936.00 "	5.20 "	48.67 "
Feb.,	"	804.20 "	5.70 "	45.84 "
Mar.,	"	796.00 "	5.95 "	47.36 "
Apr.,	"	725.80 "	5.88 "	42.68 "
May,	"	733.20 "	6.25 "	45.83 "
June,	"	685.40 "	5.82 "	39.89 "
July,	"	623.20 "	5.57 "	34.71 "
Aug.,	"	627.00 "	6.31 "	39.56 "
Sept.,	"	503.50 "	5.98 "	30.11 "
Oct.,	"	448.30 "	6.18 "	27.70 "
Total		8977.60 lbs.	5.61 Av. %	503.90 lbs.

Feed

Nov., 1915. 4 lbs. grain daily to the 4th of equal parts bran and ground oats; 6 lbs. daily from the 5th to the 10th of the following mixture, 9 lbs. from the 11th to the 15th, and then 10 lbs. with 1 lb. Ajax Flakes added: 100 lbs. each bran and ground oats, 50 lbs. each Ajax Flakes, gluten meal, cottonseed meal, and linseed meal; 20 lbs. each beets and ensilage.
Dec., 1915. 12.5 lbs. grain daily of the following mixture: 100 lbs. each bran and ground oats, 50 lbs. each Ajax Flakes, gluten meal, cottonseed meal, and linseed meal; 20 lbs. each roots and ensilage, hay.
Jan., 1916. 13 lbs. grain daily to the 19th, then 7.5 lbs., of same mixture as given in December; 20 lbs. each roots and ensilage, hay.
Feb., 1916. Same ration as given in January.
Mar., 1916. 10 lbs. grain daily same mixture as given in January with 100 lbs. hominy meal added; 2 lbs. beet pulp, 20 lbs. ensilage, mixed hay.
Apr., 1916. 12 lbs. grain daily of the following mixture: 100 lbs. each bran and ground oats, 125 lbs. Brewers' Grains, 50 lbs. each Ajax Flakes, gluten meal, cottonseed meal, and linseed meal; 20 lbs. each roots and ensilage, mixed hay.
May, 1916. Same ration as given in April with green clover added from the 20th to the 30th and pasture from the 15th to the 31st.
June, 1916. Same ration as given the last of May.
July, 1916. 12 lbs. grain daily of the following mixture: 100 lbs. each bran, ground oats, gluten meal, and cottonseed meal, 125 lbs. Ajax Flakes; green oats and pasture.
Aug., 1916. 10 lbs. grain daily of the following mixture: 100 lbs. each bran, ground oats, Ajax Flakes, gluten, and cottonseed meal; 4 lbs. beet pulp, green clover and pasture.
Sept., 1916. 8 to 10 lbs. grain daily of the following mixture: 100 lbs. each bran, ground oats, Ajax Flakes, gluten meal, cottonseed meal, and linseed meal; 4 lbs. beet pulp, green clover to the 20th then corn ensilage.
Oct., 1916. 8 to 10 lbs. grain daily of the following mixture: 100 lbs. each bran, ground oats, Ajax Flakes, gluten meal, and cottonseed meal; 4 lbs. beet pulp, 20 lbs. ensilage, rowen.

4830 Aurora Primrose of Brookmead 40002

Sire Garçon de Rouvets (16995).
Sire Imp. Ramée's Sequel (10463) A. R.
Dam Imp. Clara of the Rouvets XIII. (18531) A. R. 1345.
Dam Aurora Primrose (31539) A. R. 2913.
Sire Glenwood's Main Stay 22d (11133) A. R.
Dam Elizabeth Primrose (21579).
Breeder Frank Graham Thomson, Devon, Pa.
Owner Frank Graham Thomson, Devon, Pa.
Born Apr. 3, 1912. *Calved* Aug. 7, 1915.
Requirement for admission: 300.40 lbs. butter fat.

Official year's record: 10485.80 lbs. milk; 518.47 lbs. butter fat.

(Record from Aug. 16, 1915 to Aug. 15, 1916.)
Supervised by Pennsylvania Agricultural Experiment Station.

Year's Record		Milk	Butter Fat	
Aug.,	1915,	544.00 lbs.	4.82 %	26.22 lbs.
Sept.,	"	1098.20 "	4.35 "	47.77 "
Oct.,	"	1152.10 "	4.73 "	54.49 "
Nov.,	"	1118.60 "	4.94 "	55.26 "
Dec.,	"	1037.70 "	5.00 "	51.89 "
Jan.,	1916,	1019.00 "	5.16 "	52.58 "
Feb.,	"	869.50 "	5.46 "	47.47 "
Mar.,	"	696.20 "	5.13 "	35.72 "
Apr.,	"	657.10 "	4.97 "	32.66 "
May,	"	668.70 "	5.29 "	35.37 "
June,	"	637.30 "	4.74 "	30.21 "
July,	"	681.60 "	4.88 "	33.26 "
Aug.,	"	305.80 "	5.09 "	15.57 "
Total		10485.80 lbs.	4.94 Av. %	518.47 lbs.

Feed

Aug., 1915. 16.5 lbs. grain daily of the following mixture with 2 lbs. cottonseed meal added from the 26th to the 31st: 4 lbs. bran, 1.5 lbs. corn meal, 3 lbs. each ground oats and Ajax Flakes, 2 lbs. each gluten and cottonseed meal, 1 lb. oil meal; 3 lbs. beet pulp after the 26th, green alfalfa and pasture.
Sept., 1915. 19.5 lbs. grain daily of the following mixture from the 1st to the 17th: 4 lbs. each bran, ground oats, and Ajax Flakes, 1.5 lbs. corn meal, 3 lbs. gluten, 2 lbs. cottonseed meal, 1 lb. oil meal; 22 lbs. of the following mixture from the 18th to the 30th: 5 lbs. each bran, ground oats, and Ajax Flakes, 2 lbs. each corn meal, gluten, and cottonseed meal, 1 lb. oil meal; 3 lbs. beet pulp, green corn and pasture.
Oct., 1915. Same grain ration as given the last of September; 3 lbs. beet pulp, 15 lbs. ensilage, hay and pasture.
Nov., 1915. 18 lbs. grain daily of same mixture as given the last of September; 6 lbs. beet pulp, 20 lbs. ensilage, 8 lbs. alfalfa hay.
Dec., 1915. 16 lbs. grain daily of same mixture as given the last of September; 5 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. alfalfa hay
Jan., 1916. 14 lbs. grain daily same mixture as given the last of September; 8 lbs. each roots and alfalfa hay, 20 lbs. ensilage.
Feb., 1916. 16 lbs. grain daily of the following mixture: 300 lbs. each bran and corn and cob meal, 200 lbs. ground oats, 125 lbs. Ajax Flakes, 100 lbs. gluten, 50 lbs. cottonseed meal; 8 lbs. beet pulp, 5 lbs. hay.
Mar., 1916. 12 lbs. grain daily same mixture as given in February; 8 lbs. each beet pulp and alfalfa hay, 20 lbs. ensilage.
Apr., 1916. 10 lbs. grain daily of the following mixture: 250 lbs. bran, 300 lbs. ground oats, 150 lbs. Ajax Flakes, 100 lbs. each gluten and cottonseed meal, 50 lbs. oil meal; 6 lbs. beet pulp, 15 lbs. ensilage, 8 lbs. alfalfa hay.
May, 1916. 12 lbs. grain daily of the following mixture: 300 lbs. each bran, corn and cob meal, and ground oats, 150 lbs. Ajax Flakes, 200 lbs. gluten, 100 lbs. cottonseed meal; pasture.
June, 1916. 10 lbs. grain daily of the following mixture: 300 lbs. each bran and corn and cob meal, 200 lbs. ground oats, 150 lbs. Ajax Flakes, 100 lbs. gluten, 75 lbs. cottonseed meal; pasture.
July, 1916. 10 lbs. grain daily of the following mixture: 300 lbs. each bran and ground oats, 250 lbs. corn and cob meal, 150 lbs. Ajax Flakes, 200 lbs. gluten; green alfalfa and pasture.
Aug., 1916. 12 lbs. grain daily of the following mixture: 300 lbs. each bran and ground oats, 200 lbs. each corn and cob meal and gluten, 150 lbs. each Ajax Flakes and cottonseed meal, 50 lbs. oil meal; green alfalfa and pasture.

4831 Mathilde 28136

Sire Pride of Cicero (11475) A. R.
Sire Federigo of Fern Ravine (8180).
Dam Sylvia Bettina (18058).
Dam Fidelia Grace (20859).
Sire Kerty's Derilius (9767).
Dam Star's Gwendoline (17257).
Breeder Ray C. Bicknell, Fort Atkinson, Wis.
Owner L. J. Byers & C. C. Barnes, Coldwater, Mich.
Born Mar. 14, 1909. *Calved* Aug. 20, 1915. *Served* Mar. 23, 1916.
Requirement for admission: 360.00 lbs. butter fat.

Official year's record: 8197.70 lbs. milk; 402.79 lbs. butter fat.

Supervised by Michigan Agricultural Experiment Station.

Year's Record		Milk	Butter Fat	
Sept.,	1915,	876.70 lbs.	5.48 %	48.04 lbs.
Oct.,	"	936.90 "	4.44 "	41.60 "
Nov.,	"	792.20 "	4.96 "	39.29 "
Dec.,	"	816.70 "	5.11 "	41.73 "
Jan.,	1916,	697.80 "	4.85 "	33.84 "
Feb.,	"	637.70 "	5.01 "	31.95 "
Mar.,	"	659.60 "	5.01 "	33.05 "
Apr.,	"	596.40 "	4.89 "	29.16 "
May,	"	678.90 "	4.61 "	31.30 "
June,	"	609.40 "	4.92 "	29.98 "
July,	"	490.40 "	4.56 "	22.36 "
Aug.,	"	405.00 "	5.06 "	20.49 "
Total		8197.70 lbs.	4.91 Av. %	402.79 lbs.

Feed

Sept., 1915. 12 lbs. Union Grains daily; 15 lbs. each green corn and alfalfa hay.
Oct., 1915. 14 lbs. Union Grains daily; 30 lbs. ensilage, 10 lbs. alfalfa hay.
Nov., 1915. 12 lbs. grain daily of the following mixture: 100 lbs. corn meal, 300 lbs. ground oats, 150 lbs. cottonseed meal; 30 lbs. ensilage, 10 lbs. alfalfa hay.
Dec., 1915. 12 lbs. grain daily of the following mixture: 200 lbs. corn meal, 300 lbs. ground oats, 75 lbs. oil meal; 30 lbs. ensilage, 10 lbs. alfalfa hay.
Jan., 1916. 12 lbs. grain daily of the following mixture: 200 lbs. corn meal, 300 lbs. ground oats, 100 lbs. oil meal; 30 lbs. ensilage, 10 lbs. alfalfa hay.
Feb., 1916. 10 lbs. grain daily same mixture as given in January; 30 lbs. ensilage, 10 lbs. alfalfa hay.
Mar., 1916. 10 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, ground oats, and cottonseed meal; 30 lbs. ensilage, 10 lbs. alfalfa hay.
Apr., 1916. Same ration as given in March.
May, 1916. 10 lbs. Unicorn Dairy Ration daily; green alfalfa ad libitum.
June, 1916. Same ration as given in May.
July, 1916. 8 lbs. Unicorn Dairy Ration daily; 30 lbs. ensilage, 10 lbs. alfalfa hay.
Aug., 1916. 6 lbs. Unicorn Dairy Ration daily; 20 lbs. ensilage, 15 lbs. alfalfa hay.

Transfers of Guernsey Cattle From January 15 to January 31, 1917

BULLS

Abou Ben Adhem 36153—John D. Ruble to J. P. Tennis, Albert Lea, Minn.
Alexander's Consort 41960—George Alexander to E. Little, Independnece, Ia.
Alice's Magnet 41871—W. H. Peck to C. L. Darrow, Edinboro, Pa.
Allenwood Glensire 41538—C. C. Allen to J. A. Mahoney, Pleasant Prairie, Wis.
Alvin of Oakwood 29661—E. E. Smyser to V. A. Snoddy, Wooster, Ohio.
Alyssum Governor 37533—W. W. Marsh to Hans C. Olsen, Waterloo, Ia.
Anita's Radames 41911—W. R. Ayers to Alexander Mills, Sidney, Me.
Apollo of Ballston 41857—George G. Hopkins Jr., to William Roe, Rock Tavern, N. Y.
Arne of Linn 26371—Howard Martin to William Jennings, Maiden Rock, Wis.
Barre's Buster 38616—Irving W. Bates to Frank McLellan, Lyndon Center, Vt.
Barrington Lad 42010—Frank T. Wheeler to J. B. Lee, Delhi, N. Y.
Beauty's Duke of Cross Plains 41815—Garfoot Brothers to Jerrald Lynch, Mazomanie, Wis.
Beauty's Raider of Waddington 41801—E. W. Oglebay to T. D. McCall & Son, Bennettsville, S. C.
Belle's Major of Guernsey Hill 37961—Roy J. Coombe to Frank Knirt, Troy Center, Wis.
Berkshire Gold 42011—Frank T. Wheeler to Clark P. Comstock, Great Barrington, Mass.
Bess's Sequel of Maplecrest 41985—George W. Love to George H. Hollanshead, Upper Sandusky, Ohio.
Bill of the Divide 31602—H. G. Miller to P. P. Smith, Sheyenne, N. D.
Billy Barras 42029—Louis S. Cox to A. A. Oakes, Farmington Falls, Me.
Billy Cole 40491—David C. Evans to Charles P. Gibson, Angelica, N. Y.
Billy of Cre Hill 33546—Iowa County Asylum to Dale E. Rundell, Livingston, Wis.
Billy of Ore Hill 33546—Dale E. Rundell to F. L. White, Kenosha, Wis.
Billy of the Pines 18672—George W. Olson to A. R. Longfellow, Fort Ripley, Minn.
Blanche's King of Myrna Maree Farm 40976—C. G. Wilderson to George Koehler and Sons, Upper Sandusky, Ohio.
Blenheim Governor 41307 (Imp.)—F. S. Peer to J. R. Clancy, Syracuse, N. Y.
Bobbie of Fairview 40560—E. E. Smyser to C. F. Begly, Wooster, Ohio.
Bobbie Yeksa 32764—David Morgan to H. R. Lobdell & C. W. Blott, Mukwonago, Wis.
Bob of Beach Farm 41989—Campbell & Angevine to Ransom & Shenifield, Quincy Mich.
Bob of Crystal View 39411—T. C. Norman to C. R. Moses, Lake Crystal, Minn.
Bonta May King of Muck Dale 41814—Frank A. Nash to Cone Brothers, Muskegon, Mich.
Bountiful's Boy of Woronoak 39371—E. L. Gillett to John O'Meara, North Granby, Conn.
Brother Bates 36778—F. D. Countiss to Mathew Patton, Lake Geneva, Wis.
Brother John 41950—D. H. Carney to George Burnham, Eldred, Pa.
Brother Willie of Matinecock 41951—Harvey C. Craft to A. W. Wilson, Louisburg, N. C.
Brunette's Raymond of Elk Meadow Farm 39815—John F. Stallman to Sam Gibson, Eau Claire, Wis.
Bryan's Gold Standard of Begatondon 42018—W. J. Downing to John Purtell, Kawkawlin, Mich.
Bunker Boy of Hazelbrook 35483—H. C. McCamon to Walter C. Lee, Burgettstown, Pa.
Buttercup's Laddie of Fairview 40561—E. E. Smyser to Charles Weary, Wooster, Ohio.
Canary's Boy 35475—D. L. Williams to R. I. Welch, Rockford, Ill.
Canary's King 23136—Anton Follstad to Head & Jackson, Antigo, Wis.
Captain Burke 41409—H. E. Boswell & A. G. Ingham to W. M. Karicofe, Crewe, Va.
Captain Scott Rose Bud 30194—J. H. Meurer to James G. Thoreson, Fingal, N. D.
Caribou Standard 41854—George C. Stone to Evert Mattson, Brookston, Minn.
Carolotta's Governor 41666—George McKerrow & Sons Co. to William B. Blanchard, Elk Rapids, Mich.
Carteret's Prince 36649—Joe Cramer to W. H. Sanderson, Menomonie, Wis.
Cato of Malvern 33035—H. B. Rosengarten to George F. Ebert, Phoenixville, Pa.
Cena's Golden Lad 41970—J. A. Fraser to H. C. Churn, Eastville, Va.
Chancellor of Haddon 37034—S. C. Tremaine to H. W. Baldwin, Pennington, N. J.
Charles LaVake of Elda 36867—David Wilson to O. J. Leatherman, Danboro, Pa.
Charlie of Lake View 27496—Simon Johnson to A. G. Williams, Scandinavia, Wis.
Charmian's Galaxy 41777—R. H. Morrison to G. W. Wilder, Redlands, Cal.
Chesterbrook's Noble of Bayside 41963—Henry C. Everett to Frederic Tudor, Buzzard's Bay, Mass.
Chester of Maple Grove 33403—William D. McMullen to Alfred Voland, Kiel, Wis.
Chief of Broad Vista 41461—Morrill Brothers to A. T. Royal, Chamberlain, Me.
Christine's Christy 36420—F. W. Kimball to H. O. Schwenke, New Richland, Minn.
Clairvoyant's Sequel 21663 (Imp.) Kinwood Realty Corporation to Oscar F. Kinney, Albany, N. Y.
Clara's Princeling 39915—Lloyd Rundell to M. C. Gaffney Glenwood, Minn.
Cloudina's Duke of Willow Brook 41983—H. J. Hilton to Harold N. Tucker, Cherryfield, Me.
Companion's Hambro 32624—W. J. Heid to J. H. Becker & Son, Fort Atkinson, Wis.
Companion's Rival 39598—W. J. Heid to Charles Wendell, Beloit, Kan.
Count Cavalier 41789—William H. Gould to F. P. Frazier, Ipswich, Mass.
Count Cavalier 41789—F. P. Frazier to Vermont Marble Co., Proctor, Vt.
Count of Gordondale 41870—L. E. Gordon, Jr., to Myhre Brothers, Northland, Wis.
Crescendo 27820—Helendale Farms to Bhend Brothers, Corinth, Wis.
Cynthia's Pride 37989—D. L. Williams to H. R. Lobdell & C. W. Blott, Mukwonago, Wis.
Dandy of Valley Farm 38329—Gust Byer to W. S. Custer, Missoula, Mont.
Dexter of Malvern 40276—H. B. Rosengarten to Paul J. Snyder, Berwyn, Pa.
Diamond Raider 41776—R. H. Morrison to G. W. Wilder, Redlands, Cal.
Dick Briggs 41788—R. H. Briggs to W. E. Pierce, Bellows Falls, Vt.
Dick Rose of Two Oaks 35953—George D. Eggleston to John Dobson, Parma, Mich.
Dictator Improvement Lad 40386—H. W. Trowbridge to Louis Branche, Mexico, N. Y.
Dimple Bloom 16th 33770—T. E. Hyde to W. C. Seddon, Mahanoy City, Pa.
Dolly's Norman of Clover Hill 41350—E. L. Thompson to C. T. Roberts, Hood River, Oregon.
Dorentor 41836—Fred W. Card to S. N. Doty, Wellsburg, N. Y.
Dorothy's Viscount of Angra 41944—R. C. Krueger to J. E. Pitt, Hewins, Kan.
Duchess's Bijou 34782—James W. Bullock to H. J. Tibbetts, Marshfield, Vt.
Duchess's Prince of Maple Hill 38194—Fruit Brothers to D. C. Street, Sturgeon Lake, Minn.
Duke of Gordondale 41869—L. E. Gordon, Jr., to Martin Johnson & Norman Dahlen, Northland, Wis.
Duke of Oakhart 24715—C. R. Moses to Eva B. Gardner, Dodge Center, Minn.
Duke of Low Lands 41868—Charles Aldrich to John T. Walker, Rockford, Minn.
Duke Rodeheaver 41818—J. Robert Gillis to F. B. Loucks, Lamberton, Pa.
Egbert of Willestnore 40857—W. E. Hargrave to C. B. Devine, Evansville, Wis.
Elizabeth's Laddie of Elmcroft 41867—C. S. French to Joseph Hall, Salem, Ohio.
Elizabeth's Ultra King 40110—S. M. Shoemaker to J. K. White, Groton, Vt.
Elmpines Scot 41915—J. G. Sherman to Charles L. Shockley, Snow Hill, Md.
Emma Alta's Lloyd 41866—Walter D. Anstey to John A. Kerr, Pewaukee, Wis.
Estaba's Major 26900—John F. Stallman to Hugh Campbell, Menomonie, Wis.
Eva's Princess's Jewel 17384 (Imp.)—B. O. Shank to J. L. Linder, Monroeville, Ohio.
Evelina's Young Hero 38991—George A. Bridge to William Hagen, Batavia, N. Y.
Fairie King of Sunny Crest 41914—Frank Dodd to John Graham, Ballston Spa, N. Y.
Fair Oaks Advocate 39380—Armand P. Rather to Louis McGrath & Henry Roach, Chilton, Wis.
Fair Oaks Arthos 38004—Armand P. Rather to Nick & Edd Schumacher, Peebles, Wis.
Fairy's Chief of Mizpah Lodge 41778—Mrs. F. A. H. Coolidge to S. F. Hewett, Neillsville, Wis.
Faithful Trojan 33965—D. L. Williams to George L. Rietz, Athens, Wis.
Firestone of Elmwood 41830—M. E. Gifford to C. A. Cofoot, Kennedy, N. Y.
Flossie's Don of Oaks Farm 39967—C. W. Barron to H. T. Newcomb, Garrett Park, Md.
France's Holden of Fairview 34795—Wilcox & Stubbs to Hans J. Schmidt, Cedar Falls, Ia.
Frank of Meadow Brook Farm 41883—J. C. Mechling to M. Reed Welch, Burgettstown, Pa.
Frederick of Fahrnwald 38202—E. C. Fahrney to Isaac N. Rice, Desplaines, Ill.
Frederick of West Prairie 34388—Carl Wrobel to C. Christensen, West Prairie, Wis.
Frederick of Hillock Home37800—A. W. & F. E. Fox to H. W. Crane, Weyauwega, Wis.
Fritz New Berlin 27649—H. W. Zimmermann to Hall Roberts' Son, Postville, Ia.
Frolic of South Street 40989—F. D. E. Stowe to E. L. Welcome, Chesterfield, N. H.
Galaxy's Daily of Greenville 41935—Will F. Smith to E. H. Daily, Clinton, Ohio.
Galaxy's Wissinger of Greenville 41934—Will F. Smith to E. B. Wissinger, Conemaugh, Pa.
Gem's Raymond 29997—Columbiana County Infirmary to Patterson Brothers, Darlington, Pa.
Glenco of Briarcombe 38763—Briarcombe Farm Co. to H. C. Bohn, Winona, Minn.
Glendalia's Chief of Waldorf Farm 41958—Kinwood Realty Corporation to Oscar F. Kinney, Albany, N. Y.
Glenrock's Quito 33763—C. W. Wilcox to Milton McGuire, Columbus Junction, Ia.
Glenstay of Oak Ridge 35219—James L. Humbert to A. D. Payne, Charlottesville, Va.
Glenstay of Oak Ridge 35219—A. D. Payne to J. O. Barksdale, Red Hill, Va.
Glenwood Boy of Elderwood 38187—Donald Burton to M. E. Lewis, Weyauwega, Wis.
Glenwood Boy of Sweet Violet Farm 41832—Mrs. R. C. Holcomb to Clarence Franks, Oconomowoc, Wis.
Glenwood Monarch of Riverdale 40342—M. R. Pritchett to H. I. Corson, River Falls, Wis.
Glenwood Prince of Elder Lawn 36848—L. J. Wendt to Niedorf Brothers, Delhi, Ia.
Glenwood's Conqueror of Tristram Farm 38968—W. K. Coffin to I. J. Atwood, Bruce, Wis.
Gloaming's Glenwood 23274—David E. Fuller to Floyd & Carpenter, Omro, Wis.
Gloriana's King Masher 27645—Charles E. Wirt to Charles E. Wirt & William Nettleton, Lewiston, Minn.
Gloria's Ben 39599—W. J. Heid to John Frisch, Fort Atkinson, Wis.
Golden Bells's Hero of Cedarwood 38440—D. E. Hoag to A. M. Davison, Waupun, Wis.
Golden Gleam 2d's Masher 40809—Alfred I. Stubbs to H. W. Griswold, West Salem, Wis.
Golden Nugget's Prince 35873—F. W. Eighmy to J. B. Vifquain, Belle Plaine, Ia.
Golden Raider of Waddington 41799—E. W. Oglebay to Edwin P. Jones & Sons, Bedford, Va.
Goldie's Son of Hilly Beach 39640—H. Riedeburg to John Miles, Stone Bank, Wis.
Gold Lassie's Julian 2d 34530—G. G. Hartley to Leonard Scott, Poupore, Minn.
Good Promise of River Banks 37172—Leonard Orchards Company to H. W. Parry, Oregon City, Oregon.
Governor of Dublin 41910—Edward M. Allen to James W. Harry, Darlington, Md.
Governor of Les Grantes 41306 (Imp.)—F. S. Peer to Spencer Kellogg, Derby. N. Y.
Governor of Liberty Hills 41872—H. S. & J. A. Bloch to W. L. Blayney & William H. Hutchison, West Alexander, Pa.
Governor of Sarnia 40764—Charles L. Hill to E. W. & H. R. Burg, Peebles, Wis.
Governor of Village View 41943—D. C. Palmeter to E. M. Fitzmaurice, Berlin, Wis.
Governor of Woodend 17035—Perry Harrison to W. J. Burnett, Minneapolis, Minn.
Governor's Diandria of Elda 36868—David Wilson to O. J. Leatherman, Danboro, Pa.
Governor Tip Top 37242—A. W. & F. E. Fox to J. H. Nahrgang, Lewiston, Minn.
Gracieux Lad of Magnolia 28735—Wilbur Dorsey to Maryland House of Correction, Jessups, Md.
Gracieuse Ultra May King 24657—G. D. Buddecke to S. M. Shoemaker, Eccleston, Md.
Gracieuse Ultra May King 24657—S. M. Shoemaker to John W. Little, Hanover, Pa.

TRANSFERS OF GUERNSEY CATTLE

Graylock of Longview 38363—C. H. Stevens to D. H. Smith, Greensboro Bend, Vt.
Griffin's Sequel of Elm Brook Farm 40243—E. C. Griffin to Christie Germain, Schuylerville, N. Y.
Harvester of Broad Vista 41460—Morrill Brothers to H. A. Sweeney, North Bethel, Me.
Henry New Berlin 38711—H. W. Zimmermann to C. H. Munstock, La Crosse, Wis.
Hepsie D's Sam 41913—Frank Dodd to Charles & Edward Doty, Saratoga Springs, N. Y.
Hermione's Prince of Cozy Home 38045—O. M. Worster to J. H. Hurdle, Huntington, Ind.
Hermitage Teddy 41949—D. H. Carney to F. L. Garber, Bellville, Ohio.
Hilda's Gay Boy 38392—Charles O. Govin to Albert Grutt, Menomonie, Wis.
His Majesty's Pride of Ellen 41172—Frank Grimm to D. W. Sawyer, Almond, Wis.
Holden IV's Bell Boy 40808—Alfred I. Stubbs to Andrew Thurston, Palmyra, Mo.
Holden of Las Animas 42020—P. G. Larson to H. D. Parker, Greeley, Colo.
Holden of Las Animas 42020—H. D. Parker to Harvey J. Loose, Las Animas, Colo.
Hubert of Lake View 36480—Theodore Larson to Oscar Hallquist, Hager City, Wis.
Ida's Maid's Rival 41881—O. T. Mallory to Ray Carroll, Blissfield, Mich.
Island's Julian Champion 34874—G. G. Hartley to Edgewater Stock Farm, Fort Atkinson, Wis.
James Harris 41210—Rollo Harrison to William Wolf, Baraboo, Wis.
James Hill 40190—Frank J. Nelson to J. C. Tanner, Clear Lake, Wis.
Jeptha of Two Oaks 37753—George D. Eggleston to Gsorge M. Gillett, Parma, Mich.
Jerry of Crystal View 40413—T. C. Norman to J. R. Williams, Lake Crystal, Minn.
Jerry of Demingdale 42009—George E. Deming to E. L. Wright, Corry, Pa.
Jess's Ganymede 19869—E. H. Bennis to Jacob Schrupp Sr., Swanville, Minn.
Jewel of Neosha Breeze 40408—John Perrenoud to Louis Morris, Humboldt, Kan.
Jewel of Round Hill 41888—James B. Palmer to A. W. Gage, Putnam, Conn.
Jim of X-L-Land 39104—B. L. Snyder to Nick Bergeson, Colfax, Wis.
Joe of Aurelian Farms 41946—Bishop & Brown to William M. Jones, Waukesha, Wis.
June Bug's Premier 41875—Charles E. Perkins to G. C. Hamm, Fort Madison, Iowa.
Justine's Liberty Boy 37359—Dudley & Longley to Lewis B. Howe, Jordan, N. Y.
Keewaydin's l'Etiennerie 40268—E. H. Baker to W. H. Baughman, New Waterford, Ohio.
King Balboa of Verndale 40931—Merrit Osborn to S. S. Sanford, Verndale, Minn.
King Glenwood of Valley View 41227—N. W. Stuart to Gene Hunter, Saranac, Mich.
King Masher's Laddie's Hero 40346—Albert I. Hartzler to Emmet Steiner, Orrville, Ohio.
King Masher's Laddie's Hero 40346—Emmet Steiner to M. C. Migel Monroe, N. Y.
King Masher's Laddie's Raymond 39671—Emmet Steiner to Mrs. Lida Straw, Kerrmoor, Pa.
King of Cedar Grove 41953—John Platz to Christean Meyer, Elkhart Lake, Wis
King of Pleasant Lane 41941—Bernhard Behrens to Theodore Wilde, Thiensville, Wis.
King of Stevenstown 31823—Alfred I. Stubbs to J. H. Willey, Holmen, Wis.
King Paris of West Prairie 37941—C. Christensen to Carl Wrobel, Viroqua, Wis.
King Starlight of Oak Ridge 37954—J. H. Becker to Frank Sands, Lake Mills, Wis.
King Tope 41840—Fred W. Card to Emanuel Yeich, Cressona, Pa.
Komence of Lone Oak Farm 42004—W. L. Buriss to Overy & Godfrey, Parma, Mich.
Korndyke of Round Hill 41887—James B. Palmer to Byron W. Bates, Putnam, Conn.
Lady Crocus's Tomahawk 42013—C. G. Henkel to Bert Curry, Meyers Falls, Wash.
Lady Jessie's Casterilius 35495—L. L. Loberg to Martin J. Wrolstad, Northland, Wis.
Lady's Diamond 41873—J. G. Herriott to J. A. Burns, Hickory, Pa.
Lady Simon's Alphonso 39797—Princess Anne Academy to Robert S. Jones, Princess Anne, Md.
Lamont's Hero 42027—William C. Lamont to Dow V. Borst, Seward, N. Y.
Lamont's John R. 35471—E. L. Brockway to E. D. Pickett, Otego, N. Y.
Langwater Benefactor 41975—F. L. Ames to Kansas State Agricultural College, Manhattan, Kan.
Lassie's Boy of Maple Hill 37374—Fruit Brothers to F. R. Eno, Hillsboro, Wis.
Laverna's Ultra May King 24660—John G. Thompson to S. M. Shoemaker, Eccleston, Md.
Leader of Birchwood 30902—Victor F. Lawson to Kalupa Brothers, Berlin, Wis.
Leader of Meadowbrook 27665—Henry W. Hance to Edward Hance, Freehold, N. J.
Lee's Favorite Princess's Jewel 42023—J. L. Linder to Dorr C. Lee, Bellevue, Ohio.
Lero Martin 36321—A. H. Hinman to Arthur D. Davis, Green Bay, Wis.
Lil's Prince of Oak Grove 40513—J. R. Tifft to J. C. Doriott, Webster, Wis.
Lily Girl's Buntie Boy 40235—Mrs. R. C. Holcomb to Clarence Franks, Oconomowoc, Wis.
Lily's Lad of Uplands 40789—A. C. Burnham to Frank H. Reed, Greenfield, Mass.
Loa 22162—J. R. Tifft to C. G. Klien, Chippewa Falls, Wis.
Lord Bonny of Sitka 34331—E. T. Spencer to H. W. Wigman, Lansing, Mich.
Lord of Lakeside 40227—William O. Anderson to George Barnhart, Wautoma, Wis.
Lucky Boy of Glen Echo 41917—C. B. Dulaney to D. E. Waddell, Charlottesville, Va.
Lucy's Major of Guernsey Hill 37962—Roy J. Coombe to Fred A. Henry, Whitewater, Wis.
Luthera's Defiance 37089—George H. Weston to Henry F. Boynton, Skowhegan, Me.
Madoran 41839—Fred W. Card to F. M. Barnes, Troy, Pa.
Major Boy of Guernsey Hill 37845—Roy J. Coombe to Ed Kilpin, Lafayette, Wis.
Major Centerville of Locust Hill 42005—Walter T. Morris to W. J. Barton, Centerville, Md.
Major of Fern Hill 39288—John Cramer to Joe Miller, Boyceville, Wis.
Mandy's Pride 41912—Ed Stillmacher to Ralph D. Kershaw, Olivia, Minn.
Manoa's Star of Clover Meadow 30856—John Powers to James Mombard, Troy, Ohio.
Marcia's Glenwood of Pinehurst's Double 29061—A. E. Heinke to C. J. Bauman, Marathorn City, Wis.
Marsden of Guernsey Hill 41817—S. P. Boles to J. E. Reed, Colliers, W. Va.
Masherette's King of the May 25298—Oscar Holm to Adam Alft, Split Rock, Wis.
Masher Golden of Greenfield 41345—William Little to William M. Martin, Saratoga Springs, N. Y.
Masher of Salem Farm 40806—Alfred I. Stubbs to H. D. Parker, Greeley, Colo.
Masher of Salem Farm 40806—H. D. Parker to George J. Gordon, Bennett, Colo.
Masher's Chene Boy 35825—Albert L. Hyzer to A. L. Bjorkman & M. Mingal, Bangor, Wis.
Maypole Rosie's Sensitive's Sequel 38631—Rush Taggert to George Eddy, Malone, N. Y.
May Rose Lad of Hillside View Farm 41855—E. J. Brack to Louis Andle, Meridean, Wis.
May Rose Orange King 40796—Chauncey M. Turner to Martin H. Harris, Morrisonville, N. Y.
May Rose's Masher of Utility 28880—J. M. Harvey to Edward L. Egerer; North Freedom, Wis.
May Rose-Starlight 3d 37669—Jean Du Luth Farm, Inc., to R. P. Johnson, Gwinner, N. D.
May's Pride of Windermere 37208—John Kobmann to Richard Fox & Harley Teal, Berlamont, Mich.
May's Star 33825—Earl G. Scott to Clarence Phillips & Son, Clayton, Mich.
Messilla's King of Mt. Vernon 39459—J. C. Mitchell to Arthur Kiner, Columbus, Ohio.
Middledale Coaster 42025—Calkins & Riggs to H. Mason, Tillamook, Oregon.
Middledale Ivy 42024—Calkins & Riggs to Joseph Kupetz, Jr., Eugene, Oregon.
Mildred's Governor of Keewaydin 36470—A. C. Ramseyer to W. J. Royer, Orrville, Ohio.
Mildred's Governor of Keewaydin 36470—W. J. Royer to Emmet Steiner, Orrville, Ohio.
Mildred's Governor of Keewaydin 36470—Emmet Steiner to Ed. Smart & T. Thiel, Lucas, Ohio.
Minty's Marcus 39615—F. P. Smith to G. C. Youmans, Neillsville, Wis.
Missy's Apiary King of Crystal Pond 41351—W. L. Coggshall to Clay C. Tarbell, Groton, N. Y.
Mixter Barrister 41923—Est. George Mixter to Edward H. Lehman, Petersham, Mass.
Mixter Cossack 41922—Est. George Mixter to Henry E. Bodurtha, Agawam, Mass.
Mixter Dean of Bon Ayre 37109—H. W. Wigman to A. C. Ramseyser, Smithville, Ohio.
Mixter Dean of Bon Ayre 37109—A. C. Ramseyer to H. A. Douglas, Dalton, Ohio.
Mixter Raven 41925—Est. George Mixter to A. W. Gilbert, West Brookfield, Mass.
Mixter Royal 39199—Est. George Mixter to George P. Grant, Jr., Lunenberg, Mass.
Mixter Trophy 41924—Est. George Mixter to Richard Briggs, Brattleboro, Vt.
Moline's Champion 34316—Fruit Brothers to Frank J. Nelson, Osceola, Wis.
Nella Jay 2d's Golden Secret of Pencoyd 41772—T. W. & I. W. Roberts to C. F. Holmes, Kansas City, Mo.
Nellie's Lad 42007—Adolph Nuttleman to George L. Pettingill, Iron River, Wis.
Nell's King 35278—Henry A. Peck to J. C. Meyer, Hammond, Wis.
Nero of Maple Avenue 41947—L. S. Goding to George Fowler, Monmouth, Me.
Newton M. Buckley 37969—Irving W. Bates to L. E. Bugbee, West Burke, Vt.
Noble's Masher of Fair View 42006—D. E. & Ella A. Eustis to H. W. Trowbridge, Mexico, N. Y.
Ollie Bourg of Willow Glen 41984—J. Clarence Fretz to Warren Crouthamel, Perkasie, Pa.
Orlando of Round Hill 41886—J. B. Palmer to Mrs. Frank La Favre, Central Village, Conn.
Osceola Flower Boy 41877 (Imp.)—F. S. Peer to D. E. & Ella A. Eustis, Hammond, N. Y.
Osceola Knight 41878 (Imp.)—F. S. Peer to R. D. Clarke, Peoria, Ill.
Overlook Silver King 42012—George W. Jenkins to Louis B. Weeks, Morristown, N. J.
Paget's Captain of Homestead 39125—W. G. Jamison & Sons to Charles Schmidt, Hortonville, Wis.
Parmentier's Tamworth 34527—S. G. Courteen to B. J. Knispel, Watertown, Wis.
Pattiview's Lancer 26922—William H. Heatwole to Perry E. Shank & Timothy Showalter, Broadway, Va.
Penelope's Bloom 41032—William H. Steffens to Arthur E. Johnson, Port Clinton, Ohio.
Percy of Elmhurst 41942—O. B. Wilbur to George S. Morehouse, Indian Lake, N. Y.
Pioneer's Governor of Shadynook 39893—Emil C. Andersen to Andrew Stinar, Lakefield, Minn.
Poor Barney 37898—H. N. Longley to J. J. Agathen, Eagle, Wis.
Pride of Iowa's Glenwood 37244—A. C. Ramseyer to C. C. Hayden, Wooster, Ohio.
Pride of South Side 33253—W. Nicholls to Howard Aldrich, West Salem, Wis.
Pride's Chief of Orono Farms 40959—Houlton Benzie to J. R. Howes, Buhl, Minn.
Primrose's Raynold 37553—Alfred I. Stubbs to Wichern Brothers, Baraboo, Wis.
Prince Albert New Berlin 38712—H. W. Zimmermann to John Frank, Cedarburg, Wis.
Prince of Louisiana 41853—J. D. Powers to Mrs. D. Arceneaux, Bertie, La.
Prudence's Pride of Hilltop 41876 (Imp.)—George M. Hendee to P. M. Taylor, Longmeadow, Mass.
Queen Coraline's Boy 29826—D. L. Williams to H. R. Lobdell & C. W. Blott, Mukwonago, Wis.
Questa Bloom's King Royal 16443—G. M. Tompson Jr. to Robert Gould Shaw, 2d, Newton Center, Mass.
Ramaudan 41837—Fred W. Card to A. G. Grace, Troy, Pa.
Raymond of La Houguette 17654 (Imp.)—Hugh Campbell to John F. Stallman, Elk Mound, Wis.
Reformer's King Masher of Bailey Falls 38790—Bailey Falls Farm to F. A. Taylor, Janesville, Wis.
Renan 41838—Fred W. Card to Robert Keir, Troy, Pa.
Retta's Golden Noble of Waddington 41798—E. W. Oglebay to J. Clingman Griffin, Monroe, N. C.
Rex of Rose Bank Farms 41457—Myron H. Richardson to Otis Hildreth, Sugar Hill, N. H.
Rhea's Glenwood of Neosha Breeze 36190—John Perrenoud to J. G. Millner, Crestline, Kan.
Rilma's Boy of Broad Ridge 41782—Frank Culver to James Hoag, Ira, N. Y.
Rilma's Rex 38747—S. G. Courteen to Howard F. Joyce, Ashland, Wis.
Ringmaster's Prince of X-L-Land 38164—B. L. Snyder to Bernard Bergeson, Colfax, Wis.
Riverside's Governor 41936—George H. Weston to C. W. Barron, Cohasset, Mass.
Robert Bishop's Kernel 41928—Est. S. F. Harris to Ben Tompson, Medford, Wis.
Robert W. of Long View 41956—James A. Ioset to Earl H. Bratt, Baldwinsville, N. Y.
Roman Eagle of Shady Nook 42017—W. J. Downing to Otto C. Ramseyer, Auburn, Mich.
Romeno 19358—Franciscan Sisters to Andrew N. Olson, Viroqua, Wis.
Romper 27969—George M. Gillett to George D. Eggleston, Parma, Mich.
Rosemary's Ben of Matinecock 36873—Harvey C. Craft to Mrs. Julia Kahle, Bridgehampton, N. Y.
Rose's Darby of Maple Lodge 41787—W. F. Whiting to Leo Kastein, Brandon, Wis.
Rose Wood's Dalton 39887—Ace Rowe to Charles Nissley, Dallas Center, Ia.
Rouge's Gay Lad of Wern Farm 37990—D. L. Williams to John Linney, Brooklyn, Wis.
Round Top 41852—George H. Cable to J. D. Layng, Jr., Somers, N. Y.
Rugby's May King's Duke 40962—W. A. Ridenour to Peter H. Domer, Sugarcreek, Ohio.

TRANSFERS OF GUERNSEY CATTLE

St. Croix Financier 40927—Lloyd Rundell to Henry Webert, New Richmond, Wis.
Sally's King Bell 34918—P. G. Larson to Harry Shilling, Onalaska, Wis.
Sammamish Chief 26473—Mrs. W. A. Eisner to P. J. McHugh, Seattle, Wash.
Sam of Maple Grove 41926—Harris, Piehl & Danielson to E. F. Piehl, Medford, Wis.
Sam of York 32433—D. F. Clemmer to R. J. Reynolds, Staunton, Va.
Sampson of Beirnetown 36569—George O. Lucia to H. C. Gerold, Weyauwega, Wis.
Sequel of G. H. Farm 32633—Thomas O. Kelly to Clarence Ward, Hanoverton, Ohio.
Sequel's Chief of Waldorf Farm 41959—Kinwood Realty Corporation to Oscar F. Kinney, Albany, N. Y.
Sequel's Glenwood of Maplecrest 41986—George W. Love to H. M. Patterson, New Galilee, Pa.
Shady Lawn Demonstrator 41954—James H. Jones to John E. Lyman & Sons, South Hadley Falls, Mass.
Simon W. of Elda 28286—David Wilson to R. B. Smedley, West Chester, Pa.
Sir Michael of Salem 3d 37015—George H. Cable to Fred W. Storms, Brewster, N. Y.
Sir Silverwood Bell 41771—James H. Singleton to L. A. Hager, Littleton, Mass.
Sir Silverwood Bell 41771—L. A. Hager to Lester M. Sawyer, Saco, Me.
Snap Shot's Sequel 29326—G. C. Dunlap to Will L. Knauff, Mercer, Pa.
Squire Glen of East Andover 41874—G. W. Osborne to Ellsworth S. Eastman, East Andover, N. H.
Steinhurst Squire 38474—Ivan Steiner to Emmet Steiner, Orrville, Ohio.
Steinhurst Squire 38474—Emmet Steiner to F. W. March, Jefferson, Ohio.
Sunbeam's Hardtack 41545—Edgewater Stock Farm to The Black Mercantile Co., Black, Ala.
Sundari's General of Pleasant View 38866—Charles Schmidt to Fred Poppie, Abrams, Wis.
Susan's George 24195—Earl Roberts to S. H. Rust, Mukwonago, Wis.
Teaser of Riverside 36878—George H. Weston to H. W. Lovejoy, Charleston, Me.
Teddy New Berlin 34715—H. W. Zimmermann to John Peterson, Ewen, Mich.
Teddy R. of Maple Lane 23196—William B. Tonyan to Edward Aylward, Hebron, Ill.
Ted of Cuyuna 19267—Nelson Brothers to W. A. Holmquist, Clarissa, Minn.
Topsy's Roberts' Boy 42016—Louis S. Cox to Everett R. Rutter, Lawrence, Mass.
T. R. of Mapledell 37787—C. L. Kerr & Son to Clyde Black, Panora, Iowa.
Vallon May Rose Lad 39926 (Imp.)—F. S. Peer to Ariel Mitchelson, Tariffville, Conn.
Wabigoon Martin 40824—A. H. Hinman to James A. Jenson, Scandinavia, Wis.
Wilson of Fairview 41182—Peter Cologna & Sons to Mackey Mathis, Northview, Mo.
Woodland Crown Prince 37757—Anton Follstad to Ludwig Heimler, Deerbrook, Wis.
Woodrow of Magnolia 41816—Wilbur Dorsey to John Snowden, Laurel, Md.
Yeoman of Cameron 25227—W. W. Noll to C. M. Hughes, Stratford, Wis.
Zetelle's Glenwood 39181—John P. Scheuring to A. F. Lee, Granton, Wis.

COWS

Aberenda 2d 26343—Palmer Romaine Bowdish to George O. Spooner, Madison, N. Y.
Adelaide of New Castle 37194—Parker & Coggshall to T. Weatherup, Central Square, N. Y.
Adelia of Salem Farm 68430—Alfred I. Stubbs to Ben Lee, Holmen, Wis.
Agnes of Oak Grove 24249—W. J. Heid to Charles Wendell, Beloit, Kan.
Aimable's Violet of Oak Ridge 47775—Charles E. Heald to A. Pfalzgraft, Fairfax, Va.
Aimable's Violet of Wackena 69486—F. B. McKinne to Henry L. Pierson, Julian, N. C.
Alfa Girl 30949—Edward F. Lambert to N. A. Borsheim, Mitchell, Iowa.
Alice Joyce 61537—Mike Beck to W. J. Royer, Orrville, Ohio.
Allie of Evergreen Valley Guernsey Farm 48345—Gilbert E. Weeks to Frank G. Bowe, Hayton, Wis.
Almanaris of Burnham Beach 70074—Cedarburg Canning Co. to John G. Burnham, Milwaukee, Wis.
Amada 31325—Harris, Piehl & Danielson to M. M. Danielson, Medford, Wis.
Amelia of Elmhurst 47615—Frank M. Smith to Harold D. Gray, East Springfield, N. Y.
Anna Bell of Sulby Lodge 70034—D. L. White to N. J. Orr, Charlotte, N. C.
Anna Held of Riverside 26015—James O. Gardner to D. L. White, Charlotte, N. C.
Anna Held of Riverside 26015—D. L. White to N. J. Orr, Charlotte, N. C.
Anna Helen of Sulby Lodge 70035—D. L. White to N. J. Orr, Charlotte, N. C.
Anna Jean Cowan 55815—W. C. O'Donnell & J. Robert Gillis to J. Robert Gillis, West Brownsville, Pa.
Ann of Fern Hill 34492—John Cramer, Jr., to John A. Rhiel, Plum City, Wis.
Antona of Bosworth Field 43794—Charles W. Bosworth to Edward H. Broadwell, Longmeadow, Mass.
April Girl of Fairview 52293—E. E. Smyser to Jay E. Frick, Wooster, Ohio.
Archeen Daisy May 58646—Ivan Steiner to Emmet Steiner, Orrville, Ohio.
Archeen Daisy May 58646—Emmet Steiner to Champ Jackson, Lake, Ohio.
Archer's Milford Lass 38561—Emmet Steiner to The Ohio Board of Administration, Columbus, Ohio.
Ariel's Daphne 70282 (Imp.)—F. S. Peer to Ariel Mitchelson, Tarriffville, Conn.
Athenia of St. Croix 54995 (Imp.)—Harris, Piehl & Danielson to M. M. Danieslon, Medford, Wis.
August Girl of Fairview 58202—E. E. Smyser to V. A. Snoddy, Wooster, Ohio.
August of Fairview 26275—E. E. Smyser to William Archer, Homerville, Ohio.
Aurora Quesada 70343—A. H. Hinman to James A. Jenson, Scandinavia, Wis.
Barbaretta of Rib Hill 48632—W. Nicholls to F. R. Allen, Ithaca, N. Y.
Beauty of Coin Colin II 65735 (Imp.)—F. S. Peer to C. L. Whiting, Rochester, N. Y.
Beauty of Elmdale 21257—R. H. Briggs to W. E. Pierce, Bellows Falls, Vt.
Beck's Minnestola Marshall 53596—Mike Peck to M. L. Reed, Coal Valley, Pa.
Bell of Oakhart 49045—T. C. Norman to Ben Graff, Waterville, Minn.
Bell's Frau 22575—John Cramer, Jr., to John A. Rhiel, Plum City, Wis.
Bertelle of Butler 2d 62653—J. A. Gregg to Elizabeth Giel, Glenshaw, Pa.
Bessie Marshall 3d 38823—George S. Smith to Frank L. Besse, Clinton, Me.
Bessie of Waldorf Farm 67130—Kinwood Realty Corporation to Oscar F. Kinney, Albany, N. Y.
Bessie Windermere of Watervliet 26787—J. K. Blatchford to F. K. Babson, Chicago, Ill.
Bess of Neshannock 61347—G. H. & H. T. Getty to R. H. Morrison, Burghill, Ohio.
Bess of Neshannock 61347—R. H. Morrison to G. W. Wilder, Redlands, Cal.
Bissette LVI 36438 (Imp.)—The Belle Vernon-Mapes Dairy Co. to Myron A. Wick, Cleveland, Ohio.
Blanch Heba of Les Pelleys de Bas 69268 (Imp.)—F. S. Peer to Arthur J. Pierce, Bennington, N. H.
Bon Air Lady 69253 (Imp.)—F. S. Peer to Arthur J. Pierce, Bennington, N. H.
Bourne End Golden Horn 61191 (Imp.)—Charles L. Shockley to J. E. Shockley, Salisbury, Md.
Brickfield Doris of Mara Alva 68155 (Imp.)—A. C. Ramseyer to J. S. Yoder, Wooster, Ohio.
Brookmead's Laona 44348—Charles A. Groff to William Gretz, Sr., Paoli, Pa.
Buttercup of Haddon 14048—S. E. Fisher to Elwin Hazen, Ellwood City, Pa.
Buttercup's Princess 51463—S. E. Fisher to P. J. Little, Ebensburg, Pa.
Butter Queen of Riverdale 2d 67334—M. R. Pritchett to H. I. Corson, River Falls, Wis.
Cady's Favorite 66556—Irving W. Bates to Frank McLellan, Lyndon Center, Vt.
Cara of Hammond 35312—Harris, Piehl & Danielson to Joe Harris, Medford, Wis.
Carrie of Clovelly 67000 (Imp.)—F. S. Peer to Ariel Mitchelson, Tariffville, Conn.
Cato's Susie 53371—H. B. Rosengarten to George F. Ebert, Phoenixville, Pa.
Caxta of Maplecrest 70331—George W. Love to C. S. Wolfinger, Hagerstown, Md.
Charmian of E. 19306—G. H. & H. T. Getty to R. H. Morrison, Burghill, Ohio.
Charmian of E. 19306—R. H. Morrison to G. W. Wilder, Redlands, Cal.
Cherry May of Mara Alva 68083 (Imp.)—A. C. Ramseyer to J. S. Yoder, Wooster, Ohio.
Clairvoyante's Sequel's Lady 59971—Kinwood Realty Corporation to Oscar F. Kinney, Albany, N. Y.
Clearly 2d's Lassie 47368—George A. Bridge to Byron Main, Wyoming, N. Y.
Cocosnut 61162—Clarence H. Mackay to George J. Whelan, Roslyn, N. Y.
Coldwell's Hope 68520—A. M. Alexander to Allen F. Hand, Greenwich, N. Y.
Coldwell's Hope 68520—Allen F. Hand to Graham F. Blandy, White Post, Va.
Cook's Beauty 70321—Elias Gould to John Heinen, Kittanning, Pa.
Cook's Beauty 70321—Herman C. Cook to George Barnett, West Kittanning, Pa.
Cook's Beauty 70321—George Barnett to Elias Gould, Kittanning, Pa.
Cora of E. 42174—Harris, Piehl & Danielson to M. M. Danielson, Medford, Wis.
Cora's Olive 38300—Wayne A. Munn to H. W. Griswold, West Salem, Wis.
Corbin's Flora du Douit 39708 (Imp.)—G. H. & H. T. Getty to R. H. Morrison, Burghill, Ohio.
Corbine's Flora du Douit 39708 (Imp.)—R. H. Morrison to G. W. Wilder, Redlands, Cal.
Criterion's Colombe of Rockstone 70277—Albert G. Buckley to S. H. Fessenden, Holliston, Mass.
Dacia of Clovelley 65779 (Imp.)—F. S. Peer to W. W. Player, Elliott, S. C.
Dairy Maid's May Rose Fern 65488—Isaiah A. Cassel to F. B. Custer, Conemaugh, Pa.
Dairymaid's Select of Pleasant Hill 57973—Dorsey Brothers to J. W. Pepper, West Brownsville, Pa.
Daisy of Bonita 57680—Harris, Piehl & Danielson to M. M. Danielson, Medford, Wis.
Daisy II of La Hougue 40465 (Imp.)—Alfred I. Stubbs to M. B. Goff, Sturgeon Bay, Wis.
Daisy III of La Moinerie 69279 (Imp.)—F. S. Peer to Ariel Mitchelson, Tariffville, Conn.
Daisy of Lena 2d 19090—Edward H. Drews to Otto F. Toepfer, Madison, Wis.
Daisy's Darling of Le Pont 69269 (Imp.)—F. S. Peer to R. D. Clarke, Peoria, Ill.
Deananna 70233—Daniel C. Yutzy to Lewis D. Yutzy, Arthur, Ill.
Deanie's Rose 54415—Edward R. Andrews to Arthur J. Pierce, Bennington, N. H.
Delico 48127—Cedarburg Canning Co. to John G. Burnham, Milwaukee, Wis.
Desboro's Golden Beauty 65759 (Imp.)—F. S. Peer to H. M. Tilford, Monroe, N. Y.
Dewdrop of Ferncliff 70281—J. A. Fraser to A. Pfalzgraf, Fairfax, Va.
Dewdrop Beauty of Mara Alva 68139—(Imp.) A. C. Ramseyer to J. S. Yoder, Wooster, Ohio.
Dew Drop of Springside 63095—Harry B. Shenk to S. N. Root, Landisville, Pa.
Diamond's Beauty of Meadowbrook 66736—R. V. Lindabury to R. S. Pierrepont, Far Hills, N. J.
Diamond's Favorite 65512—R. V. Lindabury to R. S. Pierrepont, Far Hills, N. J.
Dido of Eastside 22817—Albert A. Bird to C. L. Sisson, Almond, N. Y.
Dimple S. 45926—E. E. Smyser to Edward Uhl, Wooster, Ohio.
Dimple's Fairy 68077—E. E. Smyser to L. S. Knight, Wooster, Ohio.
Dollar Princess of Les Martins 69275 (Imp.)—F. S. Peer to Arthur J. Pierce, Bennington, N. H.
Dolly of Bellview 69887—Irvin Buckley to E. M. Kirkpatrick, Schuylerville, N. Y.
Dolly Varden of Eastside 20756—Albert A. Bird to C. L. Sisson, Almond, N. Y.
Donnington Daisy 7th 65906 (Imp.)—F. S. Peer to C. H. Tappan, Winthrop, Me.
Donnington Fawn 4th 59864 (Imp.)—F. S. Peer to Ariel Mitchelson, Tariffville, Conn.
Donnington Fawn 7th 65907 (Imp.)—F. S. Peer to J. W. Player, Elliott, S. C.
Donnington Gaiety Girl 3d 65904 (Imp.)—F. S. Peer to C. H. Tappan, Winthrop, Me.
Donnington Gaiety 8th 65901 (Imp.)—F. S. Peer to R. M. Cooper, Wisacky, S. C.
Doodo 58476—John W. Vorhes to Samuel Vorhes & Son, Springfield, Ill.
Dottie of Waldorf Farm 67134—Kinwood Realty Corporation to Oscar F. Kinney, Albany, N. Y.
Dottie's Girlie 67135—Kinwood Realty Corporation to Oscar F. Kinney, Albany, N. Y.
Duke's Lady Ann 38957—Walter Ruehs to Paul Ruehs, Caladonia, Mich.
Durrington Miriam 5th 65701 (Imp.)—F. S. Peer to W. W. McCutchen, Wisacky, S. C.
Effie of Sarnia 65391 (Imp.)—Wayne A. Munn to E. A. Potter, Chicago, Ill.
Eleanor's Pride 43426—Dorsey Brothers to J. W. McKittrick, Uniontown, Pa.
Elfordleigh of Cedaredge 70383—Charles L. Shockley to J. E. Shockley, Salisbury, Md.
Elizabeth of Riverside 44470—George H. Weston to W. P. Dwyer, East Berkshire, Vt.
Enda of Sarnia 65393 (Imp.)—Charles L. Shockley to J. E. Shockley, Salisbury, Md.
England's Advance 67635 (Imp.)—F. S. Peer to R. M. Cooper, Wisacky, S. C.
England's Lady Flora 65655 (Imp.)—F. S. Peer to R. M. Cooper, Wisacky, S. C.
Eulatus of Mara Alva 68959 (Imp.)—A. C. Ramseyer to J. S. Yoder, Wooster, Ohio.
Eunice's Althea 27024—E. T. Spencer to H. W. Wigman, Lansing, Mich.
Eunice's Cream Cup of Danby 42290—E. T. Spencer to H. W. Wigman, Lansing, Mich.
Eva of Evergreen Valley Guernsey Garm 67539—Gilbert E. Weeks to Frank G. Bowe, Hayton, Wis.
Fairy Duchess of Willow Glen 70328—J. Clarence Fretz to A. L. Fitzpatrick, Philadelphia, Pa.
Fannie Hayes of Danby 60348—E. T. Spencer to H. W. Wigman, Lansing, Mich.
Fanny of Belle Vernon 45440—The Belle Vernon-Mapes Dairy Co. to Myron A. Wick, Cleveland, Ohio.
Fanny of Guernsey and Mule Farm 63708—Dudley & Longley to Charles F. Everson, Moravia, N. Y.
Fanny of Guilberts 38392—Alfred I. Stubbs to Wayne A. Munn, Janesville, Wis
Fanny Rich 2d 20772—F. P. Smith to G. C. Youmans, Neillsville, Wis.
Fanny's Glenwood Maid 70268—Robert Lawler to George O. Lucia, Green Bay, Wis.
Fanny's Starlight 66766—F. P. Smith to G. C. Youmans, Neillsville, Wis.
Fan of Bickleigh 40102 (Imp.)—G. H. & H. T. Getty to R. H. Morrison, Burghill Ohio.
Fan of Bickleigh 40102 (Imp.)—R. H. Morrison to G. W. Wilder, Redlands, Cal.
Fay of Evergreen Valley Guernsey Farm 53741—Gilbert E. Weeks to Frank G. Bowe, Hayton, Wis.
Fern of Evergreen Valley Guernsey Farm 67540—Gilbert E. Weeks to Frank G. Bowe, Hayton, Wis.

TRANSFERS OF GUERNSEY CATTLE

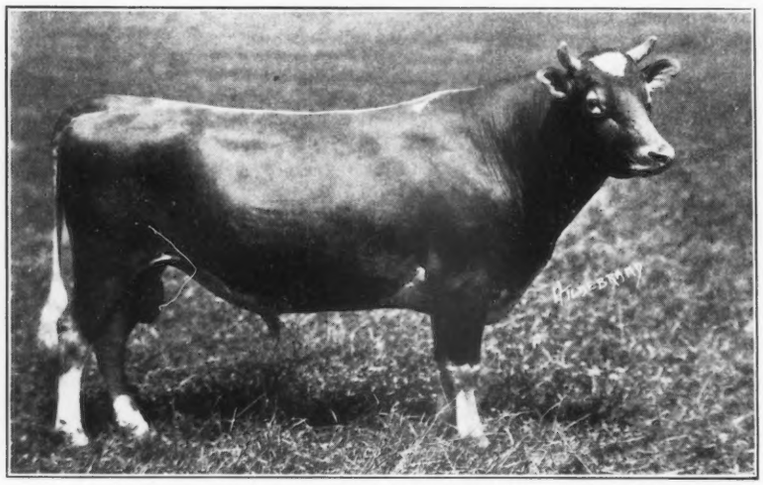
Fernwood of Neshannock 53892—G. H. & H. T. Getty to R. H. Morrison, Burghill, Ohio.
Fernwood of Neshannock 53892—R. H. Morrison to G. W. Wilder, Redlands, Cal.
Fernwood of Neshannock 2d 69997—R. H. Morrison to G. W. Wilder, Redlands, Cal.
Flora's Helen 56530—Emmet Steiner to I. W. Schieber, Bucyrus, Ohio.
Flora's Tesla of the Mourants 67025 (Imp.)—F. S. Peer to W. W. McCutchen, Wisacky, S. C.
Florry II of Milestone 69262 (Imp.)—F. S. Peer to Arthur J. Pierce, Bennington, N. H.
Flossie May Royal of Summit Dale 57432—M. E. Smith to Albert Kurtz, Orrville, Ohio.
Flossie of Waldorf Farm 67133—Kinwood Realty Corporation to Oscar F. Kinney, Albany, N. Y.
Foscoro's Pride 34235—Edward H. Drews to Otto F. Toepfer, Madison, Wis.
France's Rilma of Iowa 40790—Wilcox & Stubbs to F. G. Benham, Canandaigua, N. Y.
France's Rose of Fairview 30950—Alfred I. Stubbs to Joseph Schwartz, Des Moines, Ia.
Franc's Clara 65731 (Imp.)—F. S. Peer to S. N. Welsh, Elliott, S. C.
Freeman's Model Maid 69259 (Imp.)—F. S. Peer to A. C. Hensler, Newark, N. J.
Froome's Buttercup 69282 (Imp.)—F. S. Peer to A. C. Hensler, Newark, N. J.
Gaiety's Daisy 48590—S. C. Tremaine to H. W. Baldwin, Pennington, N. J.
Gaiety's Daisy's Jewel 67240—S. C. Tremaine to H. W. Baldwin, Pennington, N. J.
Garnet of Bellview 39926 (Imp.)—P. G. Larson to J. M. Halderson, Holmen, Wis.
Gay Lad's Hilda 2d 59468—Charles Solveson to El Paso Dairy Co., El Paso, Tex.
Gazelle's Princess II of the Islets 65773 (Imp.)—F. S. Peer to W. W. Player, Elliott, S. C.
General St. Pierre's Lady 2d 70362—Bert Parish to Annie E. Tilden, Delavan, Wis.
Georgia of Mixter Farm 38848—Kinwood Realty Corporation to Oscar F. Kinney, Albany, N. Y.
Georgia of Waldorf Farm 67132—Kinwood Realty Corporation to Oscar F. Kinney, Albany, N. Y.
Gladys' Betty of Ridgelands 68607—Est. Howard D. Newton, to H. O. Hale & Son, Norwich, N. Y.
Glendalia of Mixter Farm 38842—Kinwood Realty Corporation to Oscar F. Kinney, Albany, N. Y.
Glendalia of Waldorf Farm 70253—Kinwood Realty Corporation to Oscar F. Kinney, Albany, N. Y.
Glen Gable Georgia 26062—Parker & Coggshall to T. Weatherup, Central Square, N. Y.
Glen Gable Model 57700—Parker & Coggshall to Charles D. Rodgers, Clinton, N. Y.
Glenwood's Daisy of Elmcourt 57395—A. C. Ramseyer to J. S.Yoder, Wooster, Ohio.
Glenwood's Hilda 60333—Est. E. D. Benson to J. G. Jones, Uniondale, Pa.
Glenwood's Lil Valienguet of Elmcourt 58684—A. C. Ramseyer to J. S. Yoder, Wooster, Ohio.
Glenwood's Reagena 65380—Mrs. R. C. Holcomb to Clarence Franks, Oconomowoc, Wis.
Glenwood's Sweet Viola 37809—E. M. Rumsey to C. H. Jennings, Towanda, Pa.
Golden Bow 2d 20369—Alfred I. Stubbs, to Tom Kilen, Westby, Wis.
Golden Maggie of the Gree 65780 (Imp.)—F. S. Peer to C. H. Tappan, Winthrop, Me.
Golden Secret des Blancs Bois 60652 (Imp.)—Philip Scwartz to F. S. Peer, Cranford, N. J.
Governess of Pleinmont 69292 (Imp.)—F. S. Peer to Arthur J. Pierce, Bennington, N. H.
Grace of Neshannock 55842—G. H. & H. T. Getty to R. H. Morrison, Burghill, Ohio.
Grace of Neshannock 55842—R. H. Morrison to G. W. Wilder, Redlands, Cal.
Gracie of Highland Home 17300—A. C. Ramseyer to J. S. Yoder, Wooster, Ohio.
Grey Lassie 54895—W. H. & B. L. Hanchett to A. B. Arneson, Ettrick, Wis.
Griffin Girl of Mara Alva 68113 -Imp.)—A. C. Ramseyer to J. S. Yoder, Wooster, Ohio.
Guernsey Queen of Danby 48343—E. T. Spencer to H. W. Wigman, Lansing, Mich.
Hypsee of Haddon 36129—David Zillsdorf to C. W. Meacham, Downing, Wis.
Hambro's Daisy 70360—Bert Parish to Annie E. Tilden, Delavan, Wis.
Hambro's Lady Janilly 70361—Bert Parish to Annie E. Tilden, Delavan, Wis.
Hambro's Lily Bell 70367—Bert Parish to Annie E. Tilden, Delevan, Wis.
Hayes Buttercup of C. I. F. S. 70005—Charlton Industrial Farm School to I. C. Blandy, Greenwich, N. Y.
Heco 53227—O. W. Lehmann to The Allendale Association, Lake Villa, Ill.
Helena Elizabeth of Prospects 70221— Harris, Piehl & Danielson to M. M. Danielson, Medford, Wis.
Helene of Waldorf Farm 70256—Kinwood Realty Corporation to Oscar F. Kinney, Albany, N. Y.
Hetty of Highfields 24790—A. C. Ramseyer to J. S. Yoder, Wooster, Ohio.
Honey Suck e of the Rochiers 65720 (Imp.)—F. S. Peer to C. L. White, Rochester, N. Y.
Honoria of the Chene 32634—Emmet Steiner to H. J. Hall, Farmdale, Ohio.
Hopeful of Hollyhock 59711—Est. William H. Ellis to D. N. App, Selinsgrove, Pa.
Hunter's Morning Glory of Shady Nook 40543—W. J. Downing to Emil Anderson, Monitor, Mich.
Ida of Mapledale 61830—S. C. Tremaine to H. W. Baldwin, Pennington, N. J.
Irene of Elmdale 27781—R. H. Briggs to W. E. Pierce, Bellows Falls, Vt.
Irene of Myrtle Place 69267 (Imp.)—F. S. Peer to R. D. Clarke, Peoria, Ill.
Iris I. of les Caches 25833 (Imp.)—Est. Wolcott H. Johnson to Charles W. Brown, Windsor, Me.
Jacqueminot's Miss Dainty 67103—Emmet Steiner to G. N. Bixler, Navarre, Ohio.
Jane Hayes of Danby 60349—E. T. Spencer to H. W. Wigman, Lansing, Mich.
Janette of Brookside 3d 64116—R. H. Morrison to J. W. Rice, Harmonsburg, Pa.
Janette's Jennie B. 62158—Jake Rehm to Emmet Steiner, Orrville, Ohio.
Janette's Jennie B. 62158—Emmet Steiner to O. C. Barber, Barberton, Ohio.
Janette's Jennie B. 62158—O. C. Barber to Louis McL. Merryman, Cockeysville, Md.
Jaonnets Daisy 69290 (Imp.)—F. S. Peer to Ariel Mitchelson, Tariffville, Conn.
Jennie Lind of Shady Nook 70373—W. J. Downing to Emil Anderson, Monitor, Mich.
Jennie Rose 38457—J. Clarence Fretz to A. L. Fitzpatrick, Philadelphia, Pa.
Jessie Hayes of C. I. F. S. 70004—Charlton Industrial Farm School to I. C. Blandy, Greenwich, N. Y.
Jessie's Glenwood 59780—J. A. Gregg to O. J. Caldwell, Butler, Pa.
Jethro's Hildegard Jewel 64927—Est. T. C. Bradley to C. F. Holmes, Kansas City, Mo.
Jipsen of Les Pelleys de Bas 69273 (Imp.)—F. S. Peer to Arthur J. Pierce, Bennington, N. H.
Josephine Gold 36804—L. N. Oakes to F. B. Buckley, Valley Falls, N. Y.
Josie B. of Guernsey Hill 70079—James P. Murphy to George G. Paxton, Houston, Pa.
Kapreena 25327—J. D. Lidell to Levi L. Lidell, Oxford, N. Y.
Kate of Aurelian Farms 70241—Bishop & Brown to William M. Jones, Waukesha, Wis.
King Masher's Laddie's Frances 67651—Albert I. Hartzler to Emmet Steiner, Orrville, Ohio.
King Masher's Laddie's Frances 67651—Emmet Steiner to F. W. March, Jefferson, Ohio.
King Masher's Laddie's Maid 70319—Albert I. Hartzler to W. J. Royer, Orrville, Ohio.
King Masher's Reward 57721—Emmet Steiner to M. C. Migel, Monroe, N. Y.
King's Coral Lady 2d 70364—Bert Parish to Annie E. Tilden, Delavan, Wis.
Kitty of Hickory Grove 58699—C. W. Wichern to Wichern Brothers, Baraboo, Wis.
Kurtz's Choice 64142—A. A. Kurtz to Emmet Steiner, Orrville, Ohio.
Kurtz's Choice 64142—Emmet Steiner to Mrs. Lida Straw, Kerrmoor, Pa.
Lady Bell Violet 70366—Bert Parish to Annie E. Tilden, Delavan, Wis.
Lady Bonita 57120—Emmet Steiner to I. W. Schieber, Bucyrus, Ohio.
Lady Butter of Clairmont 69286 (Imp.)—F. S. Peer to J. E. Eustis, Morristown, N. Y.
Lady Erdean of Lyndcroft 57110—Est. William H. Ellis to Carl M. Gage, North Wales, Pa.
Lady Fernwood of Doylestown 43881—Nelson M. Peck to E. L. Harvey, Waukesha, Wis.
Lady Gree's Daughter 28321 (Imp.)—Est. Edward R. Andrews to Arthur J. Pierce, Bennington, N. H.
Lady Ladock Elizabeth 53973 (Imp.)—W. S. Dunlap to W. J. Hemphill, Shippensburg, Pa.
Lady Maxine of Ferncliff 70280—J. A. Fraser to A. H. Thompson, Herndon, Va.
Lady Mysie Bell 70363—Bert Parish to Annie E. Tilden, Delavan, Wis.
Lady of Mapledale 61829—S. C. Tremaine to H. W. Baldwin, Pennington, N. J.
Lady Paxton of Mara Alva 70080—George G. Paxton to A. C. Ramseyer, Smithville, Ohio.
Lady Rose of Colverdell 70368—R. H. Dutton to Helen Smith Dutton, Colmar, Pa.
Lady's Diamond of Elmcourt 47550—R. H. Morrison to C. W. Wilder, Redlands, Cal.
Ladysmith of Grafton 37518—Cedarburg Canning Co. to John G. Burnham, Milwaukee, Wis.
Lady Tricksey of Waukesha 24491—George D. Lawson to William M. Jones, Waukesha, Wis.
Lakeside Nubia 26504—Cedarburg Canning Co. to John G. Burnham, Milwaukee, Wis.
Le Cerf's Beauty 33116 (Imp.)—Alfred I. Stubbs to H. W. Griswold, West Salem, Wis.
Lena May Queen of Hillside 69305—D. D. Bennett to Warren Hall, Pitcher, N. Y.
Les Fontaines' Primrose 69439 (Imp.)—Charles L. Hill to Jean Du Luth Farm, Inc., Duluth, Minn.
Lilac of Roselawn 43971—Edward F. Lambert to N. A. Borsheim, Mitchell, Ia.
Lilly Bates 64283—J. A. Gregg, to O. J. Caldwell, Butler, Pa.
Lilly Mabel of Bonita 70220—Harris, Piehl & Danielson to Joe Harris, Medford, Wis.
Lizzie of Eastside 19867—Albert A. Bird to C. L. Sisson, Almond, N. Y.
Loie of Fern Hill 58477—John W. Vorhes to Samuel Vorhes & Son, Springfield, Ill.
Lola 7th of Warren Wood 54041 (Imp.)—F. S. Peer to R. H. Clarendon & Son, Tioga, Pa.
Loretta of Waldorf Farm 70255—Kinwood Realty Corporation to Oscar F. Kinney, Albany, N. Y.
Lucy of Hickory Grove 57607—C. W. Wichern to Wichern Brothers, Baraboo, Wis.
Lucy of Hollywood 29823—Palmer Romaine Bowdish to J. Edwin Ogden, Mountainville, N. Y.
Lucy Patterson 31402—Est. R. L. Patterson to Albert Pearson, Grove City, Pa.
Lynchmere Vespasia 3d 35556 (Imp.)—Harry Stocks to George W. Browne, Waukesha, Wis.
Mabel of Bonita 58323—Harris, Piehl & Danielson to Joe Harris, Medford, Wis.
Mabel of Mara Alva 68084 (Imp.)—A. C. Ramseyer to J. S. Yoder, Wooster, Ohio.
Mac's Blossom 26466—Charles A. Clark to Stanley A. Clark, South Bend, Ind.
Magda Roberts of Dellwood 65621—John Henry Hammond to Kent Bromley, East Corinth, Vt.
Maisie Quatre Vents 69261 (Imp.)—F. S. Peer to R. D. Clarke, Peoria, Ill.
Malcolm's Maid 68209—F. L. Norton to E. F. Manchester, Bristol, Conn.
Manka of Spring Brook Farm 70351—David Morgan to Joseph Zahorik, Cato, Wis.
Manoa's Butterwitch 34611—Elmer D. Whisler to Simon L. Downey, Williamsport, Md.
Marcia of Waldorf Farm 67131—Kinwood Realty Corporation to Oscar F. Kinney, Albany, N. Y.
Marjory Elizabeth of Prospects 70223—Harris, Piehl & Danielson, to M. M. Danielson, Medford, Wis.
Matilda D. 70197—Frank Dodd to Wynter Burdick, Greenwich, N. Y.
Maumee 28797—J. D. Lidell to Levi L. Lidell, Oxford, N. Y.
Maxwell's Fantine 65133—Charles Solveson to El Paso Dairy Co., El Paso, Tex.
May of Broad Vista 69551—Morrill Brothers to L. S. Goding, Monmouth. Me.
May Queen of Fairview 68080—E. E. Smyser to Edward Uhl, Wooster, Ohio.
Mazie of Waldorf Farm 67835—Kinwood of Realty Corporation to Oscar F. Kinney, Albany, N. Y.
Melrose Lady 70365—Bert Parish to Annie E. Tilden, Delavan, Wis.
Melrose of Elmcourt 61574—A. C. Ramseyer to J. S. Yoder, Wooster, Ohio.
Merrylegs of Broad Vista 69552—Morrill Brothers to C. B. Adams & Son, Kennebunkport, Me.
Merry Maid of Broad Vista 69553—Morrill Brothers to C. B. Adams & Son, Kennebunkport, Me.
Merry Myrtle 70350—Est. R. L. Patterson to F. A. Waldron, Grove City, Pa.
Middledale's Morning Star 70380—Calkins & Riggs to H. Mason, Tillamook, Ore.
Mildred of Melrose 69438 (Imp.)—Charles L. Hill to Jean Du Luth Farm, Inc., Duluth, Minn.
Mildred of Melrose 69438 (Imp.)—Jean Duluth Farm, Inc. to G. E. Sargeant, Long Prairie, Minn.
Milk Channel of Orchard Springs, 67348—Emmet Steiner to Mrs. Lida Straw, Kerrmoor, Pa.
Minty of Summit Lawn 2d 20720—F. P. Smith to G. C. Youmans, Neillsville, Wis.
Miss Amanda of Paradise 69284 (Imp.)—F. S. Peer to Ariel Mitchelson, Tariffville, Conn.
Miss Caroline of Riverside 20276—Dudley & Longley to Lewis B. Howe, Jordan, N. Y.
Miss Dolly of La Tonnellerie 69277 (Imp.)—F. S. Peer to R. D. Clarke, Peoria, Ill.
Miss Elsie of Waldorf Farm 70257—Kinwood Realty Corporation to Oscar F. Kinney, Albany, N. Y.
Miss Haidee's Buttercup 52656—E. E. Smyser to W. H. Landis, Wooster, Ohio.
Miss May 36881—E. E. Smyser to V. A. Snoddy, Wooster,, Ohio.
Miss May's Pride 68076—E. E. Smyser to Henry P. Gable, West Salem, Ohio.
Miss Mota of Edgemont 49495—Elmer D. Whisler to Simon L. Downey, Williamsport, Md.

TRANSFERS OF GUERNSEY CATTLE

Miss Ray of Hazel Hill 64776—W. A. Barnes to G. W. Wheaton, Danville, Ohio.
Miss Rosey of Les Pages 69276 (Imp.)—F. S. Peer to Paul Moore, Convent, N. J.
Miss Stubbs of Edgewater 57643—Alfred I. Stubbs to Mark D. Fitzgerald, Stevensville, Mont.
Mixter Georgianette 54258—Est. George Mixter to George H. Timmins, Ware, Mass.
Modena's Jewel of Doylestown 36549—Nelson M. Peck to E. L. Harvey, Waukesha, Wis.
Molly of Myrtle Place VII. 69263 (Imp.)—F. S. Peer to Harold L. Vedder, Skillman, N. J.
Morland Cornelian 69247 (Imp.)—F. S. Peer to George W. Bacon, Saint James, N. Y.
Maureston's Beauty II. 65771 (Imp.)—F. S. Peer to R. M. Cooper, Wisacky, S. C.
Myrtle of Brookside 59331—R. H. Morrison to J. W. Rice, Harmonsburg, Pa.
Myrtle of Glen Loch 70320—John E. Sibble to Charles A. Groff, Creamery, Pa.
Nancy IV. of Les Merriennes 65778 (Imp.)—F. S. Peer to J. W. Player, Elliott, S. C.
Narcissus D. 70196—Frank Dodd to Wynter Burdick, Greenwich, N. Y.
Nellie Bates 70339—J. A. Gregg to George H. Calvert, Glenshaw, Pa.
Nellietena of Hammond 42185—Frank M. Smith to F. Buddle & C. J. Hinds, Springfield Center, N. Y.
Nell of Arroyo 47086 (Imp.)—Wayne A. Munn to E. A. Potter, Chicago, Ill.
Nelly III. of the Jaonnets 67010 (Imp.)—F. S. Peer to C. L. Whiting, Rochester, N. Y.
Noble Girl 3d of Glynn 35573 (Imp.)—Emmet Steiner to William Erf, Bellevue, Ohio.
Noble's Hippolyta of Fair View 59353—D. E. & Ella A. Eustis to George R. Taylor, Hammond, N. Y.
Nokomis of Forge View Farm 47204—Dudley & Longley to Charles F. Everson, Moravia, N. Y.
Nora of Mont Val 41343 (Imp.)—G. H. & H. T. Getty to R. H. Morrison, Burghill, Ohio.
Nora of Mont Val 41343 (Imp.)—R. H. Morrison to G. W. Wilder, Redlands, Cal.
November Girl of Fairview 68079—E. E. Smyser to W. B. Swineheart, West Salem, Ohio.
Olive of Brickfield of Mara Alva 68156 (Imp.)—A. C. Ramseyer to J. S. Yoder, Wooster, Ohio.
Osceola Dairymaid 70170 (Imp.)—F. S. Peer to R. D. Clarke, Peoria, Ill.
Osceola Daisy 69252 (Imp.)—F. S. Peer to R. D. Clarke, Peoria, Ill.
Osceola Monica 69254 (Imp.)—F. S. Peer to R. D. Clarke. Peoria, Ill.
Osceola Princess Pat 61801 (Imp.)—F. S. Peer to Ariel Mitchelson, Tariffville, Conn.
Osceola Stagenhoe Primula 67634 (Imp.)—F. S. Peer to W. W. McCutchen, Wisacky, S. C.
Park's Pinecliff Beauty 70323—John H. Williams to J. J. Blahnik, Algoma, Wis.
Pasadena 70234—Daniel C. Yutzy to Lewis D. Yutzy, Arthur, Ill.
Patrician Nelly 2d 27146—R. H. Morrison to G. W. Wilder, Redlands, Cal.
Pearl of Sunny View 42732—O. E. Bowen to R. C. Holbert, Pasedena, Cal.
Pet of Bonita 57679—Harris, Piehl & Danielson to Joe Harris, Medford, Wis.
Pioneer's Busy Bee 21339 (Imp.)—Wayne A. Munn to Mrs. Nellie Henderson, Whitewater, Wis.
Polly du Crocq III. 69294 (Imp.)—F. S. Peer to Spencer Kellogg, Derby, N. Y.
Polly of the Isles 19th 66981 (Imp.)—F. S. Peer to Ariel Mitchelson, Tariffville, Conn.
Polly's Pride of Salem Farm 68428—Alfred I. Stubbs to Leon J. Delahaut, Green Bay, Wis.
Phyllis of Hurley-hurst 63540—James M. Dunkel to D. N. App, Selinsgrove, Pa.
Polly de la Tablette 69257 (Imp.)—F. S. Peer to The Columbia Mills, Inc., Minetto, N. Y.
Primrose of Myrtle Place 65767 (Imp.)—F. S. Peer to Ariel Mitchelson, Tariffville, Conn.
Prim Rose of Neshannock 55843—G. H. & H. T. Getty to R. H. Morrison, Burghill, Ohio.
Prim Rose of Neshannock 55843—R. H. Morrison to G. W. Wilder, Redlands, Cal.
Primrose of the Gree IX. 69250 (Imp.)—F. S. Peer to Paul Moore, Convent, N. J.
Princess Cassie of Homestead 29342—B. O. Shank to J. L. Linder, Monroeville, Ohio.
Princess Cassie of Homestead 29342—W. P. Murray to B. O. Shank, North Randall, Ohio.
Princess of Linden Grove Farm 70231—Wilber Brothers to Hager Rickard, Cobleskill, N. Y.
Prophetess Fay of Waldorf Farm 70254—Kinwood Realty Corporation to Oscar F. Kinney, Albany, N. Y.
Queen Holly of Mapledale 62730—George B. Williams to Albert F. Wheaton, Bridgeton, N. J.
Queen Jesse of Jerbourg 69285 (Imp.)—F. S. Peer to Spencer Kellogg, Derby, N. Y.
Queen of Cherry Hill Farm 27986—Gilbert E. Weeks to Frank G. Bowe, Hayton, Wis.
Queen of Neshannock 55844—G. H. & H. T. Getty to R. H. Morrison, Burghill, Ohio.
Queen of Neshannock 55844—R. H. Morrison to G. W. Wilder, Redlands, Cal.
Queen of Shook Farm 39786—H. H. Stambaugh to C. R. Stewart, Vienna, Ohio.
Queen of the Rue Cohu 34063—Earl Roberts to J. E. Stephens, Prairie City, Ill.
Ravenscroft Jujube 60248 (Imp.)—F. S. Peer to Ariel Mitchelson, Tariffville, Conn.
Rawden III. of Vimiera 69293 (Imp.)—F. S. Peer to J. E. Eustis, Morristown, N. Y.
Raymond's Queen of Andersonville 57402—Morgan H. Grace to C. J. Goodwin, Marshallville, Ga.
Raymond's Wildwood of Morris Farms 64580—Dudley & Longley to Charles F. Everson, Moravia, N. Y.
Rebecca of Somerset 58142 (Imp.)—James N. Naulty to J. L. Hope, Madison, N. J.
Redina 15707—Dudley & Longley to Merritt R. Farnam, Ira, N. Y.
Red Laura of Beuna Vista Hill Farm 69708—J. K. White to J. E. Peters, Bradford, Vt.
Redwall Patricia 52507 (Imp.)—James N. Naulty to J. L. Hope, Madison, N. J.
Rena of Chicona 58024—Albion L. Gile to John T. Whalley, Portland, Ore.
Richesse Rhea III. of the Chene Farm 69264 (Imp.)—F. S. Peer to Ariel Mitchelson, Tariffville, Conn.
Rita W. 39428—H. M. Moulton to W. Robbins, Bethel, Me.
Rix Rilma 70012—Andrew Terpening to Fred G. Holliday, Oswego, N. Y.
Roberts' Water-Lily of Dellwood 59738—John Henry Hammond to Kent Bromley, East Corinth, Vt.
Rosalind Buckley 66555—Irving W. Bates to Frank McLellan, Lyndon Center, Vt.
Rosemary Beatrice 31103—Wilber Brothers to Hager Rickard, Cobleskill, N. Y.
Rose of Crystal View 49015—T. C. Norman to Frank Abraham, Jr., Gaylord, Minn.
Rose of la Ruette 28754 (Imp.)—Ivan Steiner to Emmet Steiner, Orrville, Ohio.
Rose of la Ruette 28754 (Imp.)—Emmet Steiner to The Ohio Board of Administration, Columbus, Ohio.
Rose IV. of the Douit 31618 (Imp.)—G. H. & H. T. Getty to R. H. Morrison, Burghill, Ohio.
Rose IV. of the Douit 31618 (Imp.)—R. H. Morrison to G. W. Wilder, Redlands, Cal.
Rose's Galaxy Queen 69998—R. H. Morrison to G. W. Wilder, Redlands, Cal.
Rose's May V. 65782 (Imp.)—F. S. Peer to J. W. Player, Elliott, S. C.
Rose's Orphan 48620—R. W. Fugitt to Ben Stone, Sparta, Mo.
Rose's Pride of Neshannock 63870—G. H. & H. T. Getty to R. H. Morrison, Burghill, Ohio.
Rose's Pride of Neshannock 63870—R. H. Morrison to G. W. Wilder, Redlands, Cal.
Roxie of Willow Glen 70327—J. Clarence Fretz to A. L. Fitzpatrick, Philadelphia, Pa.
Rushington Princess 6th 65678 (Imp.)—F. S. Peer to Ariel Mitchelson, Tariffville, Conn.
Ruth 2d of Warren Wood 45914 (Imp.)—Alfred I. Stubbs to H. W. Griswold, West Salem, Wis.
Ruth's Daisy of Brookside 64117—R. H. Morrison to J. W. Rice, Harmonsburg, Pa.
Sabra 66406—Louis McLane Tiffany to M. L. Garrett, Rockland, Md.
Sadie Netherfauld 46198—J. A. Truesdell to Harry S. Dulin, Bluemont, Va.
Scott's Noel 69289 (Imp.)—F. S. Peer to J. E. Eustis, Morristown, N. Y.
Sebire's Princess Ena 33136 (Imp.)—Alfred I. Stubbs, to William Nicholls, Trempealeau, Wis.
Sequel Queen of Farmdale 69689—Smith & Holcomb to C. O. Gehart, Bucyrus, Ohio.
Sequel's Bess 44930—Richard Einfeldt to Fred Osterhaus, Plainfield, Wis.
Sequel's Somalind 42223—Richard Einfeldt to W. W. Clark, Grand Rapids, Wis.
Shade's Parmentier 33088 (Imp.)—Alfred I. Stubbs to Carl Moos, West Salem, Wis.
Sisdenealy 65456—Daniel C. Yutzy to Lewis D. Yutzy, Arthur, Ill.
Souvenir's Figtree Leaf of Keewaydin 53318—A. C. Ramseyer to W. J. Royer, Orrville, Ohio.
Souvenir's Figtree Leaf of Keewaydin 53318—W. J. Royer to Emmet Steiner, Orrville, Ohio.
Souvenir's Figtree Leaf of Keewaydin 53318—Emmet Steiner to M. C. Migel, Monroe, N. Y.
Starlight Maid of Willow Glen 60194—J. Clarence Fretz to A. L. Fitzpatrick, Philadelphia, Pa.
Star of the Gree 65781 (Imp.)—F. S. Peer to C. H. Tappan, Winthrop, Me.
Stevenstown's Pride 49237—Alfred I. Stubbs to E. C. Hoff, Holmen, Wis.
Stockbridge Peggy's Pride 42362—David M. Dixon to Seth J. Cornish, Syracuse, N. Y.
Stranford's Pretoriana of Midlothian 46144—O. W. Lehmann to The Allendale Association, Lake Villa, Ill.
Sunbeam's Queen of Fairview 68078—E. E. Smyser to J. H. Dickason, Wooster, Ohio.
Sundari of the Ponchez 65768 (Imp.)—F. S. Peer to Philip Schwartz, Suffield, Conn.
Sunderland's Lehigh Girl 60514—Emmet Steiner to J. J. Whitacre, Waynesburg, Ohio.
Sunflower of Dixcart 69436 (Imp.)—Charles L. Hill to Jean Du Luth Farm, Inc., Duluth, Minn.
Sylph's Primrose 60440—George S. Smith to Frank L. Besse, Clinton, Me.
Sylvia of Hurley-hurst 67531—James M. Dunkel to D. N. App, Selinsgrove, Pa.
Taylor's Florie II. 65766 (Imp.)—F. S. Peer to Ariel Mitchelson, Tariffville, Conn.
Thelma Blizzard 70329—E. V. Salisbury to George A. Stilson, North Sanford, N. Y.
Theresa's Materna 41799—F. P. Smith to G. C. Youmans, Neillsville, Wis.
Thirty Thousand One Hundred Twenty-Two 30122—Kinwood Realty Corporation to Oscar F. Kinney, Albany, N. Y.
Thirty Thousand Six Hundred Fifteen 30615—Kinwood Realty Corporation to Oscar F. Kinney, Albzny, N. Y.
Thirty Thousand Six Hundred Sixty-Five 30665—Kinwood Realty Corporation to Oscar F. Kinney, Albany, N. Y.
Thirty Thousand Six Hundred Seven 30667—Kinwood Realty Corporation to Oscar F. Kinney, Albany, N. Y.
Thirty Thousand Eight Hundred Sixty 30860—Kinwood Realty Corporation to Oscar F. Kinney, Albany, N. Y.
Tiny II of the Hougue Fouque 69295 (Imp.)—F. S. Peer to Clarence H. Mackay, Roslyn, N. Y.
Topsy's Rose 2d 34561—H. N. Longley to William Schneider, Stratford, Wis.
Triple Champion's Blanchette 61090—Est. Edward R. Andrews, to Arthur J. Pierce, Bennington, N. H.
Trequean Queen 69243 (Imp.)—F. S. Peer to Paul Moore, Convent, N. J.
Trixy M. of Hector 40490—Irvin Moore to S. B. Allen, Burdett, N. Y.
Twinkle Bud 70195—Canterbury Shakers to Mrs. Armistead Peter, Jr., Cambridge, N. Y.
Twinkle of Bosworth Field 43793—Charles W. Bosworth to Edward H. Broadwell, Longmeadow, Mass.
Vallon Drusilla 65774 (Imp.)—F. S. Peer to J. W. Player, Elliott, S. C.
Vandala of Richland 49035—R. G. Murphy to G. W. Wilder, Redlands, Cal.
Varclin Iris 69258 (Imp.)—F. S. Peer to Arthur J. Pierce, Bennington, N. H.
Vevey's Fern 58873—George A. Snyder to C. E. Polley, Transfer, Pa.
Violet of Melrose 69437 (Imp.)—Charles L. Hill to Jean Du Luth Farm, Inc., Duluth, Minn.
Violet of Melrose 69437 (Imp.)—Jean Du Luth Farm, Inc., to G. E. Sargeant, Long Prairie, Minn.
Violet's Choice 2d 64811—R. H. Morrison to J. W. Rice, Harmonsburg, Pa.
Virginia of Neshannock 63869—G. H. & H. T. Getty to R. H. Morrison, Burghill, Ohio.
Virginia of Neshannock 63869—R. H. Morrison to G. W. Wilder, Redlands, Cal.
Wabuska 25325—J. D. Lidell to Levi L. Lidell, Oxford, N. Y.
Waneta's Girl of Lone Cottonwood Farm 55736—W. L. Bible to Guy Wheeler, Reedsburg, Wis.
Whitehall Bess 70175—J. A. Truesdell to Harry S. Dulin, Bluemont, Va.
Winnie of Blanche Pierre III. 69251 (Imp.)—F. S. Peer to George W. Bacon, Saint James, N. Y.

MARA ALVA FARM GUERNSEYS

Owner and Manager, A. C. Ramseyer, Breeder and Importer of



GALAXY'S EQUAL OF CHESTNUT HILL 23176

Sire—Imp. Galaxy's Sequel 16904

Champion of all living Guernsey sires. Sired 37 cows who have completed 42 A. R. records averaging 472.60 lbs. butter fat at an average age of 4 years and two months. Won the challenge cup for the best bull on the Island 1908

Dam—Jean of Tawawa 19159 A. R. 873

8747.60 lbs. milk, 490.25 lbs. fat at three years two months. Reentry, 11567.20 lbs. milk, 588.47 lbs. fat at nine years, a very large Glenwood cow of perfect type and tremendous udder.

You will always find heifers and cows at the MARA ALVA FARM in calf to the above bull ***FOR SALE.*** The present herd consisting of 125 head all of which are for sale. I will always appreciate your visit to the farm and have you make your own selections and will guarantee satisfaction. Also have a half brother to the above bull for sale whose dam is Island Butter Queen with an A. R. record of 619.00 lbs. fat.

A. C. RAMSEYER, SMITHVILLE, Wayne Co. OHIO

On the main line of the Pa. R. R.

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Born September 11, 1915

Sue's King of Tarbell Farms 23037	Lilly's King of Maplehurst 12040
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Vesta of Middlebrook 47725	Sir Edward of Middlebrook 17759, Grandson of Lord Mar.
	Hebe of Middlebrook 38921 8030.00 milk, 427.64 fat at 1 yr. 9 mos. Granddaughter of Lord Mar.

A show bull, long straight back, fine head, nicely marked. Ready for light service.

PRICE $200

Write for extended pedigree and picture.

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ALLENHURST NEW JERSEY

The Maples Farm Herd

IS HEADED BY

Bob Rilma's Monogram 29095

whose dam and granddam have an average yearly record of 887.5 pounds of butter fat

Individuality and Production are combined in his sons out of some of our best A. R. Cows

A Few Young Bulls For Sale

Also A Few Females

Write for Pedigrees and Prices

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